

BENTON HARBOR POWER PLANT LIMNOLOGICAL STUDIES

PART XXI. BACTERIA AND PHYTOPLANKTON OF THE SEASONAL
SURVEYS OF 1972 AND 1973

John C. Ayers

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PREVIOUS PARTS OF THE REPORT SERIES RELATIVE TO THE
DONALD C. COOK NUCLEAR STATION

Benton Harbor Power Plant Limnological Studies

Part

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- XIX. The seasonal biological surveys of 1971. J. C. Ayers, S. C. Mozley, J. A. Stewart. December 1974. 181 p.
- XX. Statistical power of a proposed method for detecting the effect of waste heat on benthos populations. E. M. Johnston. December 1974. 29 p.

Seibel, E. and J. C. Ayers (eds.). 1974. The biological, chemical, and physical character of Lake Michigan in the vicinity of the Donald C. Cook Nuclear Plant. Special Report No. 51 of the Great Lakes Research Division, University of Michigan, Ann Arbor, Michigan. 475 p.

Jude, D. J., F. J. Tesar, J. A. Dorr III, T. J. Miller, P. J. Rago and D. J. Stewart. 1975. Inshore Lake Michigan fish populations near the Donald C. Cook Nuclear Power Plant, 1973. Special Report No. 52 of the Great Lakes Research Division, University of Michigan, Ann Arbor, Michigan. 267 p.

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INTRODUCTION

In Part VII (March 1971) of our report series relative to the Donald C. Cook Nuclear Station, we established the following report format:

- A. COOK PLANT PREOPERATIONAL STUDIES
 - A.1 Recording of Local Water Temperatures
 - A.2 Study of Floating Algae and Bacteria
 - A.3 Development of a Monitor for Phytoplankton (ABANDONED)
 - A.4 Study of Attached Algae
 - A.5 Study of Zooplankton
 - A.6 Study of Aquatic Macrophytes
 - A.7 Study of Benthic Organisms
 - A.8 Study of the Local Fishes
 - A.9 Support of Aerial Scanning
 - A.10 Study of Entrainment and Impingement
- B. SURVEYS OF EXISTING WARM WATER PLUMES
- C. THE ICE BARRIER AT THE COOK PLANT SITE
- D. EFFECTS OF EXISTING THERMAL DISCHARGES ON LOCAL ICE BARRIERS
- E. EFFECTS OF RADIOACTIVE WASTES IN THE AQUATIC ENVIRONMENT
 - E.1 Gamma Scan of Bottom Sediments (FINISHED)
 - E.2 The Most Sensitive Organism for Concentration of Radwastes (FINISHED)
 - E.3 Study of Lake Michigan's Present Radioactivity Content (FINISHED)

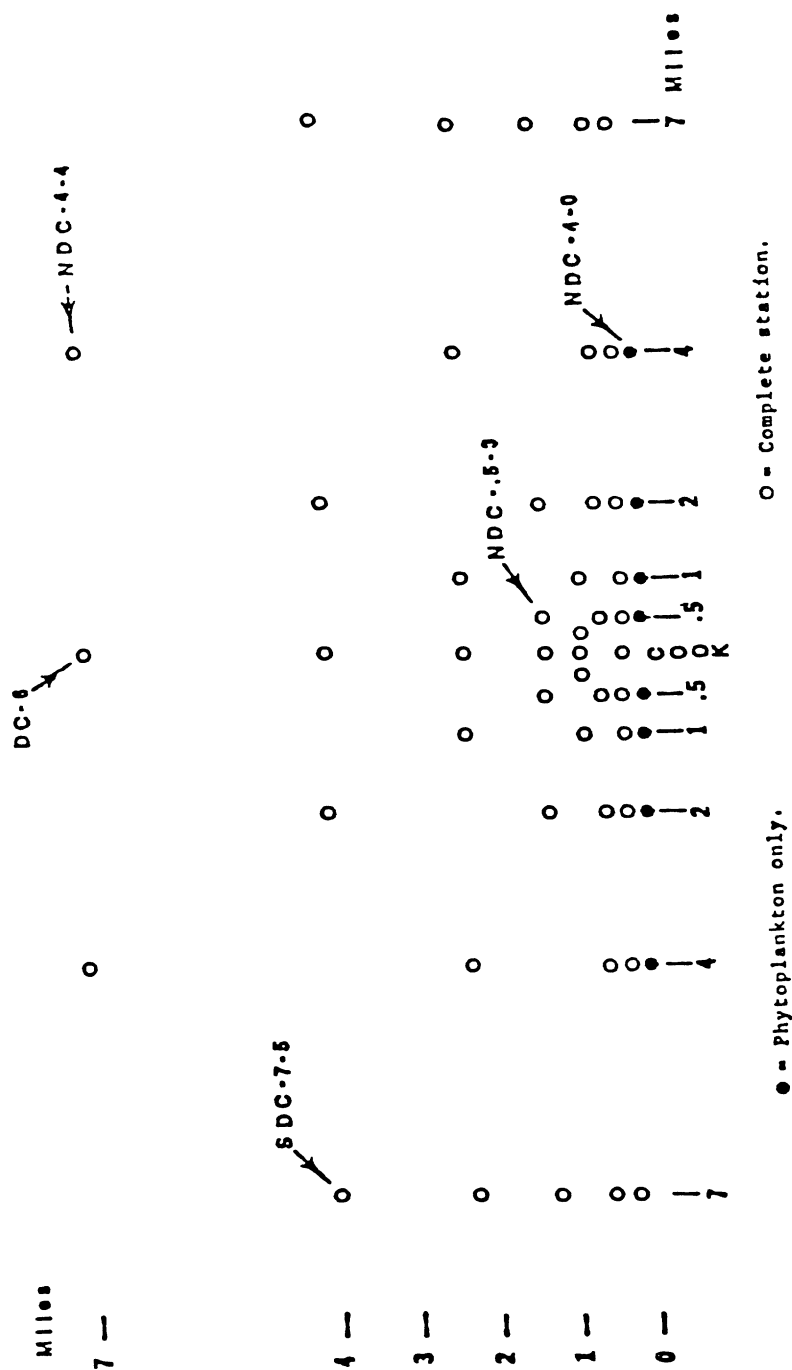
This report covers only item A.2 of the above format; the zooplankton of the major seasonal surveys of 1972 are reported in Part XIII of our report series (see p. iii); zooplankton of the 1973 major surveys has been reported in Seibel and Ayers (1974); benthos of both 1972 and 1973 major surveys is also reported in the latter report. This report covers the bacteria and phytoplankton results of the major surveys of 1972 and 1973.

The April survey of 1972 was carried out on an older 54-station sampling grid; the surveys of July and October were on a reduced grid of 36 stations (Table 1). Station DC-1 directly in front of the plant could not be occupied in October 1972 or during any of the surveys of 1973 because of construction activities at the station position. Figures 1 and 2 show the station positions of the two sampling grids. At all stations

TABLE 1. Comparison of the original 54-station seasonal sampling grid to the 36-station sampling grid which was instituted in the July 1972 seasonal survey at Cook Plant. X denotes a retained station. -- denotes an omitted station.

Station	54-station grid	36-station grid	Station	54-station grid	36-station grid
DC-1	X	X	NDC-7-3	X	X
DC-2	X	X	NDC-7-4	X	--
DC-3	X	X	NDC-7-5	X	X
DC-4	X	X	SDC-.25-1	X	--
DC-5	X	X	SDC-.5-0	X	X
DC-6	X	X	SDC-.5-1	X	--
NDC-.25-1	X	--	SDC-.5-2	X	X
NDC-.5-0	X	X	SDC-.5-3	X	--
NDC-.5-1	X	--	SDC-1-0	X	X
NDC-.5-2	X	X	SDC-1-1	X	X
NDC-.5-3	X	--	SDC-1-2	X	X
NDC-1-0	X	X	SDC-1-3	X	--
NDC-1-1	X	X	SDC-2-0	X	X
NDC-1-2	X	X	SDC-2-1	X	X
NDC-1-3	X	--	SDC-2-2	X	--
NDC-2-0	X	X	SDC-2-3	X	X
NDC-2-1	X	X	SDC-2-4	X	--
NDC-2-2	X	--	SDC-4-0	X	X
NDC-2-3	X	X	SDC-4-1	X	X
NDC-2-4	X	--	SDC-4-2	X	--
NDC-4-0	X	X	SDC-4-3	X	X
NDC-4-1	X	X	SDC-4-4	X	X
NDC-4-2	X	--	SDC-7-1	X	X
NDC-4-3	X	X	SDC-7-2	X	--
NDC-4-4	X	X	SDC-7-3	X	X
NDC-7-1	X	X	SDC-7-4	X	--
NDC-7-2	X	--	SDC-7-5	X	X

with serial numbers greater than zero, zooplankton, benthos, and physical measurements were collected as well. The physical measurements consisted of surface-water temperature, water depth, bottom types, Secchi disc water transparency, and water color as seen above the white 20-cm Secchi disc, as well as weather conditions and wind and wave characteristics. The seasonal physical data are given in Appendix A.



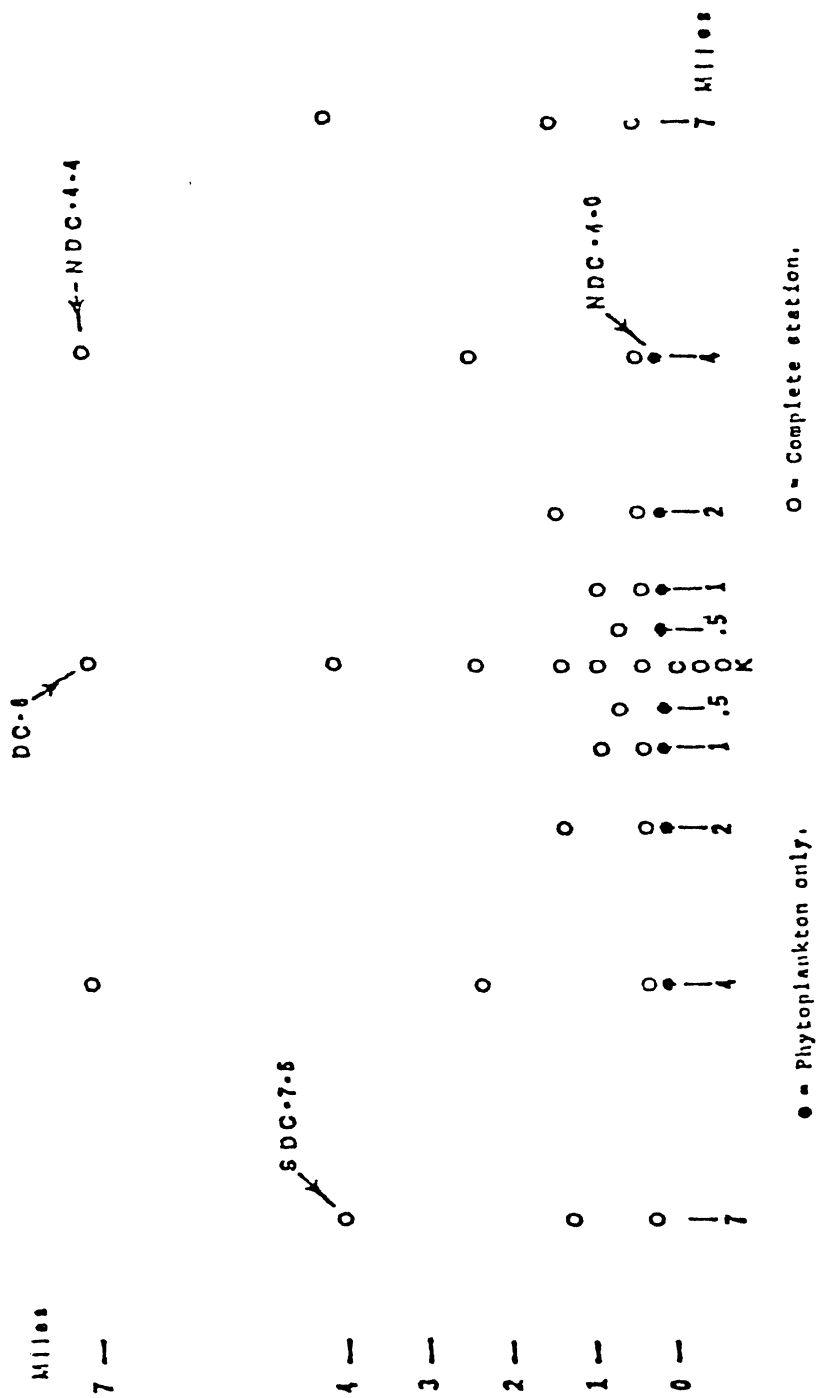


FIG. 2. The Cook Plant 36-station sampling grid used in seasonal surveys after April 1972. Station designations are as in Figure 1, all stations retain their original designations. Omitted stations disappear.

COOK PLANT PREOPERATIONAL STUDIES

A.2 STUDY OF FLOATING ALGAE AND BACTERIA

BACTERIA

Techniques

Coliform bacteria were determined by the nutrient pad method using the Millipore Portable Water Analysis Kit and Field Monitors. The Analysis Kit provides a pump and an incubator; the Field Monitors are ready-to-use sterile nutrient pads and filters in incubating dishes and come with ampouled nutrient media. M-Endo Broth was the nutrient medium used.

Water samples ranging from 16 to 30 ml were pumped through the Field Monitors. Water from 1-m depth was collected by Niskin bottle and immediately drawn off into well-rinsed plastic bottles for refrigeration until the Field Monitors could be prepared. Because of limited space in the incubator, bacteria were not run at all stations.

Stations DC-1 and DC-5 were not sampled for bacteria in October. DC-5 was accidentally omitted; the station location of DC-1 was occupied by construction equipment.

Results

The bacteria results are given in Table 2. As had been the case in 1971 (reported in Part XIX of our report series), the numbers of coliforms exhibited wide variability in both space and time. Numbers have varied from in the thousands per 100 ml in September 1971 to in the teens per 100 ml in July and October 1973, with low numbers being the general rule. We are unable to escape the conclusion that the waters of the Cook Plant region are occasionally "slugged" with water of damaged quality, but cannot define the source(s) of that water.

There is no consistent evidence of any seasonal cycle of coliform

TABLE 2. Total coliform bacteria taken in the seasonal surveys of 1972 and 1973. Units are coliforms/100 ml.

Station	Total coliforms	Station	Total coliforms
12 APRIL 1972		SDC-7-3	5
DC-1	19	SDC-7-5	6
DC-2	6	15 OCTOBER 1972	
DC-3	2	DC-2	0
DC-4	3	DC-3	5
DC-5	3	DC-4	1
DC-6	130	DC-6	0
NDC-.5-1	1	NDC-.5-2	15
NDC-.5-2	1	NDC-1-2	57
NDC-1-2	1	NDC-2-3	6
NDC-2-3	3	NDC-4-1	1
NDC-4-3	2	NDC-4-3	2
NDC-7-1	224	NDC-7-1	15
SDC-.5-1	1	NDC-7-3	64
SDC-.5-2	36	NDC-7-5	0
SDC-2-3	8	SDC-.5-2	46
SDC-4-1	0	SDC-1-2	12
SDC-4-3	3	SDC-2-3	4
SDC-7-1	6	SDC-4-1	39
SDC-7-3	0	SDC-4-3	0
SDC-7-5	0	SDC-7-1	57
16 JULY 1972		SDC-7-3	12
DC-1	37	SDC-7-5	0
DC-2	21	25 APRIL 1973	
DC-3	19	DC-2	143
DC-4	55	DC-3	373
DC-5	125	DC-4	1
DC-6	7	DC-5	72
NDC-.5-2	48	DC-6	202
NDC-1-2	64	NDC-.5-2	178
NDC-2-3	42	NDC-1-2	227
NDC-4-1	152	NDC-2-3	588
NDC-4-3	92	NDC-4-1	235
NDC-7-1	43	NDC-4-3	304
NDC-7-3	47	NDC-7-1	554
NDC-7-5	4	NDC-7-3	383
SDC-.5-2	50	NDC-7-5	448
SDC-1-2	18	SDC-.5-2	179
SDC-4-1	24	SDC-1-2	missing
SDC-4-3	15	SDC-2-3	281
SDC-7-1	28		

TABLE 2 continued.

Station	Total coliforms	Station	Total coliforms
25 APRIL 1973 cont.		SDC-2-1	10
SDC-4-1	653	SDC-2-3	8
SDC-4-3	174	SDC-4-1	0
SDC-7-1	798	SDC-4-3	0
SDC-7-3	265	SDC-4-4	0
SDC-7-5	118	SDC-7-1	6
		SDC-7-3	0
		SDC-7-5	0
19 JULY 1973		23 OCTOBER 1973	
DC-2	8	DC-2	6
DC-3	2	DC-3	22
DC-4	0	DC-4	4
DC-5	0	DC-5	0
DC-6	0	DC-6	0
NDC-.5-2	14	NDC-.5-2	16
NDC-1-1	14	NDC-1-1	0
NDC-1-2	4	NDC-1-2	12
NDC-2-1	14	NDC-7-1	4
NDC-2-3	6	NDC-7-5	12
NDC-4-1	26	SDC-.5-2	8
NDC-4-3	8	SDC-1-2	0
NDC-4-4	0	SDC-2-3	4
NDC-7-1	16	SDC-4-1	0
NDC-7-3	6	SDC-4-3	0
NDC-7-5	0	SDC-7-1	2
SDC-.5-2	12	SDC-7-3	0
SDC-1-1	4	SDC-7-5	0
SDC-1-2	6		

abundance; the mean numbers of coliforms per ml per station in the three years have been:

	<u>1971</u>	<u>1972</u>	<u>1973</u>
April	34.3	22.4	308.8
July	315.7	42.9	7.5
October	4.4	16.8	5.0

PHYTOPLANKTON

Techniques

Phytoplankton samples were collected by Niskin bottle at a depth of 1 m, with the exception of the nearshore stations. Nearshore collections (serial number zero stations) were made by submerging an open 1-liter bottle 4 inches below the water surface. All samples were 1-liter whole samples. Each sample was fixed with Utermohl's iodine fixative immediately after collection and stored in an opaque container.

In the laboratory, each sample was concentrated to 100 ml by settling in a 1000-ml graduate cylinder and siphoning off 900 ml of fluid. The concentrated sample was stored in a 100-ml opaque bottle.

The samples of April 1972 were prepared and counted by the Utermohl technique: by placing an aliquot of the concentrated sample in a tubular combination settling and counting chamber and allowing the aliquot to settle overnight. The counting chamber containing the settled cells was then separated from the settling chamber, covered, and placed on the microscope. The samples were counted on a binocular inverted microscope at 1000X magnification.

Beginning with July 1972 and continuing since, the method of concentration for species identification and enumeration has been the settle-freeze method as proposed by Sanford et al. (1969). The method entails an overnight settling of 1000 ml of sample in a graduated cylinder. The following day the top 900 ml are siphoned off and discarded. Part of the remaining 100 ml is used for preparation for the microscope slide and the rest is kept for any possible further references or back checking.

The once settled sample is then diluted if need be and settled again, this time in 18-ml cylinders. These cylinders are attached with a small amount of stopcock lubricant (to prevent leakage) to the microscope slides which rest on an aluminum plate one quarter inch thick. The whole apparatus is then secured together mechanically. The microscope slides, prior to having the cylinders placed on them, are treated with Dissicote to provide a hydrophobic surface to the slide. After the samples have

settled overnight, the aluminum plate on which they rest is placed on a block of dry ice for 90 seconds. This freezes the bottom 1-1.5 ml. The unfrozen part is then discarded and the cylinders are removed from the slides. The slides are then placed in an anhydrous ethanol chamber for 3 days and then in a toluene chamber for 1 day.

The first chamber removes the excess water and the second prepares the samples for their final mounting in toluene based Permout. One drop of Permout is put on the slide, a cover slip is then placed over it and the slide is allowed to dry for 2 days.

The specimens are counted, at 1000X under oil immersion on a Leitz Ortholux microscope, to species when practical, otherwise to genus or group. Only those specimens that appear to have been viable at the time of collection are counted. Two sweeps of the slide are made, one vertical and one horizontal. This provides an indication of the randomness of the species on the slide.

Counts are calculated as cells per liter, but are divided by 1000 in the computer print-outs.

Solitary species, green and blue-green algae colonies, and the filaments of filamentous forms were each counted as one cell. Each colonial diatom cell was counted except when the size of the filaments or colonies prohibited counting the individual cells; in this case, the number of individual cells was estimated.

Species and forms are presented in the way in which they are recognized and counted. Examples are: *Glenodinium*, a dinoflagellate, is recognized and counted separately from unidentified dinoflagellates which are given as "Dinoflagellates"; the flagellates *Cryptomonas* and *Chlamydomonas* are recognized and counted separately from unidentified "Flagellates"; *Anacystis* and *Chroococcus* are recognized as separate entities, rather than as species of *Anacystis*.

Results

April 1972 samples from most of the SDC stations were lost due to unexplainable failure of preservation.

Summary Table. The phytoplankton summaries which follow (Table 3) are based on the one used by the Michigan Water Resources Commission in reporting their phytoplankton collections. Our summaries differ only in that we have counted or estimated the cells in filamentous and colonial diatoms, while the Commission counts a filament or colony as a single organism. The station-by-station phytoplankton records constitute Appendix B.

Dominant and Codominant Phytoplankters. In each phytoplankton sample, one species or group typically was present in substantially greater numbers. We have called these species or groups "dominant." In many stations one, two, or three additional species or groups challenged the numerical superiority of the dominant species. When the challenging species or group closely approached the cell numbers of the dominant species, the less abundant species or group was recorded as "codominant" and listed in the dominant species column of Table 3. In Table 4, those species or groups which were numerically dominant in the samples of the 1972 and 1973 Cook Plant surveys are presented.

Master Lists of Phytoplankters Collected During the Surveys. Table 5 presents in alphabetical order the complete lists of phytoplankters taken during the surveys of 1972 and 1973. Over time, such species lists serve as means by which to watch for changes in population composition.

Table 6 is a summary table presenting station-by-station the numbers of phytoplankton species or groups collected, the numbers of individual phytoplankters per milliliter, and the Wilhm and Dorris diversity index of each station's collection. The diversity index of Wilhm and Dorris (1968) is

$$\bar{d} = - \sum (N_i/N) \log_2 (N_i/N)$$

in which (N_i/N) is the percentage of the population, N , that is represented by any one species or group, N_i , of the collection. Computed for each species or group and summed, the calculation yields a diversity index for the station collection.

TABLE 3. Phytoplankton summary. Units: Cells per milliliter; surface temperature, C°; ND = Not Determined.

Station	Temperature	Coccolid blue-green	Filamentous green	Coccolid green	Filamentous green	Flagellate	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
12 APRIL 1972												
DC-1	3.9	0	0	135	2	301	90	378	5	19	930	<i>Tabellaria fenestrata</i>
DC-2	3.0	0	5	134	2	245	123	422	4	28	963	<i>Tabellaria fenestrata</i>
DC-3	3.1	1	5	119	2	256	119	465	2	30	999	<i>Tabellaria fenestrata</i>
DC-4	2.9	0	5	60	5	236	80	381	5	23	795	<i>Tabellaria fenestrata</i>
DC-5	2.7	0	1	57	2	189	114	333	0	21	717	<i>Tabellaria fenestrata</i>
DC-6	1.9	0	0	15	1	91	7	12	0	4	130	<i>Chlamydomonas</i> sp.
NDC-.25-1	2.8	0	19	217	4	549	304	592	0	85	1770	<i>Chlamydomonas</i> sp.
NDC-.5-0	ND	0	0	367	0	434	2419	1354	11	56	4641	<i>Cyclotella</i> sp. <i>Stephanodiscus</i> sp.
NDC-.5-1	4.0	1	1	105	0	222	498	199	0	31	1057	<i>Cyclotella</i> sp. <i>Stephanodiscus</i> sp.
NDC-.5-2	3.3	1	0	321	0	347	565	649	1	42	1926	<i>Tabellaria fenestrata</i>
NDC-.5-3	2.8	0	17	208	1	547	594	1077	1	74	2519	<i>Tabellaria fenestrata</i>
NDC-1-0	ND	0	0	98	1	194	831	159	0	23	1306	<i>Cyclotella</i> sp.
NDC-1-1	3.9	7	13	766	4	1238	718	1018	0	158	3922	<i>Gloeocystis</i> sp.
NDC-1-3	2.5	1	18	168	3	533	330	885	1	110	2049	<i>Tabellaria fenestrata</i>
NDC-2-0	ND	0	7	441	0	408	2130	998	7	48	4039	<i>Cyclotella</i> sp. <i>Stephanodiscus</i> sp.
NDC-2-2	3.4	2	7	573	2	922	592	796	2	134	3030	<i>Gloeocystis</i> sp. <i>Chlamydomonas</i> sp.
NDC-2-3	2.7	1	6	148	1	560	347	910	2	69	2044	<i>Tabellaria fenestrata</i>
NDC-2-4	2.4	30	4	67	2	355	161	175	0	62	856	<i>Chlamydomonas</i> sp.
NDC-4-0	ND	0	0	252	0	582	2315	853	7	63	4072	<i>Cyclotella</i> sp. <i>Stephanodiscus</i> sp.
NDC-4-1	3.5	4	26	785	6	979	1265	1276	6	250	4597	<i>Gloeocystis</i> sp. <i>Chlamydomonas</i> sp. <i>Tabellaria fenestrata</i>
NDC-4-2	3.3	0	28	37	6	1898	4220	1935	2	184	8310	<i>Stephanodiscus</i> sp.
NDC-4-3	2.6	0	2	150	2	400	406	562	1	58	1581	<i>Tabellaria fenestrata</i>
NDC-4-4	1.9	0	5	44	0	270	107	102	0	57	585	<i>Chlamydomonas</i> sp.

TABLE 3 continued.

Station	Temperature	Coccolith blue-green	Filamentous blue-green	Coccolith green	Filamentous green	Flagellate	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
12 APRIL 1972 cont.												
NDC-7-1	6.0	6	11	688	24	707	1428	729	0	109	3702	<i>Cyclotella</i> sp.
NDC-7-2	5.8	0	6	629	2	1152	859	915	0	128	3691	<i>Chlamydomonas</i> sp. <i>Gloeocystis</i> sp.
NDC-7-3	3.3	1	12	115	2	368	257	366	0	44	1165	<i>Chlamydomonas</i> sp.
NDC-7-5	2.5	0	10	73	3	456	227	722	1	39	1531	<i>Tabellaria fenestrata</i>
SDC-5-1	3.9	0	5	121	0	410	70	508	5	21	1140	<i>Tabellaria fenestrata</i>
SDC-7-4	2.9	0	0	315	0	517	997	550	5	111	2495	<i>Stephanodiscus</i> sp. <i>Cyclotella</i> sp. <i>Gloeocystis</i> sp.
16 JULY 1972												
DC-1	23.6	0	5	3	2	40	10	96	0	4	160	<i>Fragilaria intermedia</i>
DC-2	24.1	0	21	87	0	59	10	161	0	19	357	<i>Tabellaria fenestrata</i>
DC-3	23.8	0	6	59	0	44	7	8	1	6	131	<i>Gloeocystis</i> sp.
DC-4	23.1	0	3	6	1	13	9	31	0	1	64	<i>Tabellaria fenestrata</i>
DC-5	22.5	1	1	80	0	83	26	24	1	3	219	Flagellates, <i>Gloeocystis</i> sp.
DC-6	23.0	0	1	12	0	54	52	59	0	2	180	<i>Fragilaria crotonensis</i>
NDC-5-0	ND	0	104	33	7	649	96	857	0	111	1857	<i>Chlamydomonas</i> sp.
NDC-5-2	24.0	0	12	39	0	39	10	66	1	7	174	<i>Tabellaria fenestrata</i>
NDC-1-0	ND	2	154	174	9	267	35	76	4	22	743	Flagellates, <i>Anabaena</i> sp.
NDC-1-1	23.3	1	42	80	2	55	13	260	0	6	459	<i>Tabellaria fenestrata</i> <i>Fragilaria capucina</i>
NDC-1-2	24.0	0	10	7	2	17	11	71	0	2	120	<i>Tabellaria fenestrata</i>
NDC-2-0	ND	0	55	15	0	161	38	426	0	4	699	<i>Fragilaria intermedia</i>
NDC-2-1	23.0	0	7	2	1	43	23	157	0	10	243	<i>Fragilaria capucina</i>
NDC-2-3	23.9	0	8	1	1	10	2	31	0	2	55	<i>Tabellaria fenestrata</i>
NDC-4-0	ND	0	2	0	0	33	1	6	0	2	44	<i>Dinobryon</i> sp.
NDC-4-1	ND	0	6	7	1	19	26	215	0	2	276	<i>Fragilaria crotonensis</i>
NDC-4-3	22.8	0	1	11	0	94	21	178	0	2	307	<i>Fragilaria crotonensis</i>
NDC-4-4	22.2	0	0	0	0	140	1	76	0	4	221	<i>Chlamydomonas</i> sp. <i>Dinobryon</i> sp.

TABLE 3 continued.

Station	Temperature	Coccol- blue- green	Filamen- tous blue- green	Coccol- blue- green	Fila- mentous green	Flagel- lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
16 JULY 1972 cont.												
NDC-7-1	25.4	0	12	0	0	31	3	2	0	0	48	<i>Chlamydomonas</i> sp.
NDC-7-3	24.9	0	45	423	5	120	19	222	0	21	855	<i>Gloeocystis</i> sp.
NDC-7-5	22.5	0	0	3	0	55	5	13	0	2	78	<i>Chlamydomonas</i> sp.
SDC-5-2	24.3	0	11	1	1	56	5	121	0	8	203	<i>Tabellaria fenestrata</i>
SDC-1-0	ND	0	197	180	4	302	20	707	0	11	1421	<i>Tabellaria fenestrata</i>
SDC-1-1	24.3	0	45	80	1	98	10	126	0	9	369	<i>Tabellaria fenestrata</i>
SDC-1-2	23.6	0	25	6	4	43	6	153	0	0	237	<i>Tabellaria fenestrata</i> <i>Fragilaria capucina</i>
SDC-2-0	ND	0	21	7	1	77	10	263	0	0	379	<i>Tabellaria fenestrata</i>
SDC-2-1	24.3	1	39	56	0	93	14	164	0	11	378	<i>Tabellaria fenestrata</i>
SDC-2-3	24.5	0	25	4	2	41	5	60	0	0	137	<i>Glenodinium</i> sp. <i>Tabellaria fenestrata</i>
SDC-4-0	ND	0	35	0	4	386	22	780	0	7	1234	<i>Fragilaria intermedia</i>
SDC-4-1	24.6	0	110	295	1	45	2	148	0	5	606	<i>Gloeocystis</i> sp.
SDC-4-3	23.5	0	11	39	0	40	3	7	1	3	104	<i>Gloeocystis</i> sp., <i>Oocystis</i> sp.
SDC-4-4	23.2	0	59	0	6	113	24	154	0	4	360	<i>Fragilaria capucina</i>
SDC-7-2	ND	0	24	19	0	58	2	115	0	4	222	<i>Fragilaria fenestrata</i>
SDC-7-3	24.0	0	26	0	0	56	2	35	0	24	143	<i>Chlamydomonas</i> sp. <i>Fragilaria intermedia</i>
SDC-7-5	23.3	0	87	6	0	174	32	19	0	50	368	<i>Anabaena</i> sp., <i>Dinobryon</i> sp.
15 OCTOBER 1972												
DC-2	13.0	128	0	73	1	297	1018	550	2	19	2088	<i>Melosira granulata</i>
DC-3	13.0	120	3	90	0	241	404	164	0	14	1036	<i>Melosira granulata</i>
DC-4	13.1	167	2	28	0	211	469	417	0	2	1296	<i>Melosira granulata</i>
DC-5	13.2	221	2	32	0	87	91	39	0	5	477	<i>Chroococcus limeticus</i>
DC-6	13.9	480	2	78	0	173	13	34	1	2	783	<i>Chroococcus limeticus</i>
NDC-5-0	ND	63	15	122	0	89	2196	794	4	67	3350	<i>Melosira granulata</i>
NDC-5-2	ND	101	1	105	0	289	906	475	3	53	1933	<i>Melosira granulata</i>

TABLE 3 continued.

Station	Temperature	Coccolith blue-green	Filamentous blue-green	Coccolith green	Filamentous green	Flagellates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
15 OCTOBER 1972 cont.												
NDC-1-0	ND	19	37	74	0	93	1132	278	0	30	1663	<i>Melosira granulata</i>
NDC-1-1	12.9	60	7	139	0	130	1572	310	0	61	2279	<i>Melosira granulata</i>
NDC-1-2	13.0	50	1	60	1	207	375	220	0	32	946	<i>Melosira granulata</i>
NDC-2-0	ND	74	37	96	0	134	1510	230	4	100	2185	<i>Melosira granulata</i>
NDC-2-1	12.9	49	2	122	0	271	1648	551	0	60	2703	<i>Melosira granulata</i>
NDC-2-3	13.0	157	1	77	0	344	569	470	0	20	1638	<i>Melosira granulata</i>
NDC-4-0	ND	141	41	93	0	263	1447	134	4	4	2127	<i>Melosira granulata</i>
NDC-4-1	13.0	6	135	326	0	367	5276	1686	4	122	7922	<i>Melosira granulata</i>
NDC-4-3	13.0	101	1	39	0	191	93	183	0	26	634	Flagellates
NDC-4-4	13.1	425	1	55	0	184	38	25	0	12	740	<i>Chroococcus limneticus</i>
NDC-7-1	13.0	45	37	228	0	252	4986	1575	4	38	7165	<i>Melosira granulata</i>
NDC-7-3	13.0	50	6	68	0	148	856	218	0	21	1367	<i>Melosira granulata</i>
NDC-7-5	13.0	129	0	19	0	116	19	43	0	14	340	<i>Chroococcus</i> sp.
SDC-.5-0	ND	26	11	67	4	126	835	812	4	33	1918	<i>Melosira granulata</i>
SDC-.5-2	13.0	39	0	106	0	233	559	222	3	22	1184	<i>Melosira granulata</i>
SDC-1-0	ND	11	19	63	0	148	3376	668	4	11	4300	<i>Melosira granulata</i>
SDC-1-1	12.9	52	19	148	0	677	1916	482	2	67	3363	<i>Melosira granulata</i>
SDC-1-2	13.0	134	6	68	0	388	514	258	0	56	1424	<i>Melosira granulata</i>
SDC-2-0	ND	67	19	48	0	11	1068	189	0	45	1447	<i>Melosira granulata</i>
SDC-2-1	12.9	110	9	235	1	572	1705	589	0	114	3335	<i>Melosira granulata</i>
SDC-2-3	13.0	110	3	40	2	475	235	152	0	26	1043	Flagellates
SDC-4-0	ND	48	4	119	7	323	853	260	4	59	1677	<i>Melosira granulata</i>
SDC-4-1	13.0	90	9	78	0	389	1203	207	1	36	2013	<i>Melosira granulata</i>
SDC-4-3	13.5	141	1	50	2	275	93	168	0	15	745	Flagellates
SDC-4-4	14.0	372	1	40	0	112	24	51	1	24	625	<i>Chroococcus limneticus</i>
SDC-7-1	ND	46	4	47	3	448	573	198	0	19	1338	<i>Melosira granulata</i>
SDC-7-3	13.0	99	7	36	1	284	655	432	0	65	1579	<i>Melosira granulata</i>
SDC-7-5	14.0	565	3	40	0	362	71	77	0	15	1133	<i>Chroococcus</i> sp.

TABLE 3 continued.

Station	Temperature	Coccoid blue-green	Filamentous blue-green	Coccoid green	Filamentous green	Flagellates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
25 APRIL 1973												
DC-2	8.9	0	17	67	0	416	902	122	0	33	1557	<i>Stephanodiscus minutus</i>
DC-3	9.0	17	7	52	2	247	1065	440	0	17	1847	<i>Stephanodiscus minutus</i>
DC-4	8.8	0	9	89	0	328	553	137	0	6	1122	<i>Stephanodiscus minutus</i> Flagellates
DC-5	8.0	0	2	27	0	307	240	105	0	5	686	Flagellates
DC-6	6.7	0	3	13	0	252	638	90	0	9	1005	<i>Stephanodiscus minutus</i> Flagellates
NDC-.5-0	ND	22	3	75	0	384	757	237	0	19	1497	<i>Stephanodiscus minutus</i> Flagellates
NDC-.5-2	9.8	0	11	217	9	354	508	113	0	48	1260	Flagellates <i>Stephanodiscus minutus</i>
NDC-1-0	ND	6	0	259	3	245	657	434	0	8	1612	<i>Fragilaria crotonensis</i> <i>Gloeozystis</i> sp. Flagellates <i>Stephanodiscus minutus</i>
NDC-1-1	10.0	0	0	6	0	132	417	85	0	7	647	<i>Stephanodiscus minutus</i> <i>Stephanodiscus</i> sp.
NDC-1-2	10.0	0	2	1	0	116	448	93	0	7	667	<i>Cyclotella</i> sp. <i>Chlamydomonas</i> sp.
NDC-2-0	ND	0	3	70	0	203	974	220	0	11	1481	<i>Stephanodiscus minutus</i>
NDC-2-1	9.5	0	13	61	2	462	1004	382	0	22	1946	<i>Stephanodiscus minutus</i> Flagellates
NDC-2-3	9.0	12	10	2	2	574	2125	367	0	17	3109	<i>Cyclotella</i> sp.
NDC-4-0	ND	0	0	61	3	281	607	106	0	3	1061	<i>Stephanodiscus minutus</i> Flagellates
NDC-4-1	ND	0	6	126	0	388	703	399	4	0	1626	Flagellates
NDC-4-4	8.0	0	6	62	0	729	1048	652	1	40	2538	Flagellates
NDC-7-3	7.5	2	4	42	1	187	879	341	0	16	1472	<i>Stephanodiscus minutus</i>
NDC-7-5	6.9	2	9	46	0	313	2035	657	0	19	3081	<i>Stephanodiscus minutus</i>
SDC-.5-0	ND	0	11	61	0	75	445	225	0	42	859	<i>Melosira granulata</i> <i>Stephanodiscus minutus</i>
SDC-.5-2	9.0	0	7	33	2	328	544	121	0	59	1094	Flagellates <i>Stephanodiscus minutus</i>

TABLE 3 continued.

Station	Tem- pera- ture	Coccol- blue- green	Filamen- tous blue- green	Coccol- blue- green	Fila- mentous green	Flagel- lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
25 APRIL 1973 cont.												
SDC-1-0	ND	6	0	72	0	387	1091	1392	0	11	2959	<i>Tabellaria fenestrata</i> v. <i>intermedia</i>
SDC-1-1	8.3	0	0	28	0	154	647	176	2	17	1024	<i>Stephanodiscus</i> sp. <i>Stephanodiscus minutus</i>
SDC-1-2	9.0	0	7	70	6	466	801	241	0	26	1617	Flagellates <i>Stephanodiscus minutus</i>
SDC-2-0	ND	0	0	39	0	61	609	212	0	8	929	<i>Stephanodiscus minutus</i>
SDC-2-1	9.1	0	13	0	0	313	2474	412	0	7	3219	<i>Cyclotella</i> sp.
SDC-2-3	9.1	0	2	108	2	330	462	260	2	20	1186	Flagellates
SDC-4-1	8.5	0	0	2	0	124	1198	185	0	12	1521	<i>Cyclotella</i> sp.
SDC-4-3	9.1	0	0	39	0	186	512	108	0	2	847	<i>Stephanodiscus minutus</i>
SDC-4-4	6.5	0	4	0	4	132	449	87	0	26	702	<i>Stephanodiscus minutus</i>
SDC-7-1	8.1	0	0	30	4	102	458	271	2	0	867	<i>Stephanodiscus minutus</i>
SDC-7-3	9.0	0	0	2	0	223	1097	265	2	2	1591	<i>Cyclotella</i> sp.
SDC-7-5	8.0	0	3	26	2	265	383	221	0	21	921	Flagellates <i>Stephanodiscus minutus</i>
19 JULY 1973												
DC-2	23.1	22	22	640	0	121	3387	204	6	224	4626	<i>Stephanodiscus tenuis</i>
DC-3	23.0	16	4	65	0	24	341	6	1	8	465	<i>Cyclotella stelligera</i>
DC-4	23.5	7	2	13	0	165	274	125	0	48	634	<i>Cyclotella stelligera</i> <i>Chlamydomonas</i> sp.
DC-5	23.3	9	2	3	0	23	66	1	3	0	107	<i>Cyclotella stelligera</i>
DC-6	24.0	24	5	46	0	206	399	2	0	15	697	<i>Cyclotella atomus</i> <i>Chlamydomonas</i> sp.
NDC-.5-2	22.8	11	19	397	0	106	2343	74	4	544	3498	<i>Stephanodiscus tenuis</i>
NDC-1-0	ND	15	13	198	2	69	1152	232	0	198	1879	<i>Stephanodiscus tenuis</i>
NDC-1-1	22.0	99	3	209	3	255	5008	209	0	675	6461	<i>Stephanodiscus tenuis</i>
NDC-1-2	22.0	96	7	60	2	394	1405	136	0	270	2370	<i>Stephanodiscus tenuis</i>
NDC-2-0	ND	37	17	421	2	96	2135	184	0	302	3194	<i>Stephanodiscus tenuis</i>
NDC-2-1	21.8	17	10	60	0	185	2747	290	0	146	3455	<i>Stephanodiscus tenuis</i>

TABLE 3 continued.

Station	Temp. pera- ture	Coccoid blue- green	Filamen- tous blue- green	Coccoid green	Fila- mentous green	Flagel- lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
19 JULY 1973 cont.												
NDC-2-3	22.0	25	2	17	0	70	372	30	0	23	539	<i>Cyclotella stelligera</i> <i>Cyclotella</i> sp.
NDC-4-0	ND	5	6	117	0	40	946	43	0	72	1229	<i>Stephanodiscus tenuis</i>
NDC-4-1	21.5	0	11	173	4	39	93	24	4	24	372	<i>Coccomyxa coccooides</i>
NDC-4-3	21.5	412	6	180	0	83	158	113	0	7	959	<i>Anacystis incerta</i>
NDC-4-4	23.5	40	3	52	0	246	241	5	1	12	600	<i>Chlamydomonas</i> sp. <i>Cyclotella stelligera</i>
NDC-7-1	23.0	96	20	1345	2	276	3033	91	7	403	5273	<i>Stephanodiscus tenuis</i>
NDC-7-3	22.7	17	5	10	0	123	340	59	0	7	561	<i>Cyclotella stelligera</i>
NDC-7-5	23.0	15	12	92	0	105	72	26	0	6	328	Flagellates <i>Gloeocystis</i> sp.
SDC-.5-0	ND	7	124	12	0	74	573	68	0	23	881	<i>Stephanodiscus tenuis</i> <i>Cyclotella stelligera</i>
SDC-.5-2	24.0	14	7	57	0	330	3376	196	0	94	4074	<i>Stephanodiscus tenuis</i> <i>Melosira granulata</i> v. <i>angustissima</i>
SDC-1-0	ND	9	9	160	0	87	458	56	2	63	844	<i>Stephanodiscus tenuis</i>
SDC-1-1	23.5	51	15	73	5	356	1867	124	0	275	2766	<i>Stephanodiscus tenuis</i> <i>Cyclotella</i> sp.
SDC-1-2	23.2	25	2	98	5	237	3368	197	0	200	4132	<i>Stephanodiscus tenuis</i>
SDC-2-0	ND	41	17	82	4	74	198	11	2	65	494	<i>Stephanodiscus tenuis</i>
SDC-2-1	25.0	20	2	22	0	191	1947	181	0	66	2429	<i>Melosira granulata</i> v. <i>angustissima</i>
SDC-2-3	24.6	71	22	452	12	293	3722	65	0	119	4756	<i>Stephanodiscus tenuis</i>
SDC-4-1	24.0	8	7	170	0	92	1926	86	0	38	2327	<i>Melosira granulata</i> v. <i>angustissima</i> <i>Stephanodiscus tenuis</i>
SDC-4-3	23.2	134	5	86	0	76	887	79	0	8	1275	<i>Cyclotella stelligera</i>
SDC-4-4	23.5	8	9	51	0	316	395	3	1	2	785	<i>Cyclotella stelligera</i> <i>Chlamydomonas</i> sp.
SDC-7-1	23.0	23	10	225	17	313	3034	172	0	91	3885	<i>Stephanodiscus tenuis</i>
SDC-7-3	23.0	45	13	371	3	544	5399	265	0	55	6695	<i>Stephanodiscus tenuis</i> <i>Melosira granulata</i> v. <i>angustissima</i>

TABLE 3 continued.

Station	Temperature	Coccol- blue- green	Filamen- tous blue- green	Coccol- green	Fila- mentous green	Flagel- lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
19 JULY 1973 cont.												
SDC-7-5	23.0	1	3	10	0	43	104	7	0	6	174	<i>Cyclotella stelligera</i>
23 OCTOBER 1973												
DC-2	15.5	45	8	25	0	498	1038	247	0	51	1912	<i>Melosira granulata</i> v. <i>angustissima</i>
DC-3	15.1	23	20	26	0	465	1559	303	0	40	2436	<i>Melosira granulata</i> v. <i>angustissima</i>
DC-4	15.0	37	3	26	1	231	123	111	0	55	587	Flagellates
DC-5	14.9	45	6	55	2	379	110	43	0	53	693	Flagellates
DC-6	15.8	60	7	5	0	232	70	86	2	6	468	Flagellates
NDC-5-0	ND	18	28	48	0	650	1748	455	2	56	3005	<i>Melosira granulata</i> v. <i>angustissima</i>
NDC-5-2	14.8	23	17	36	0	318	1445	538	2	36	2415	<i>Melosira granulata</i> v. <i>angustissima</i>
NDC-1-0	ND	23	26	30	0	381	2382	463	0	22	3327	<i>Melosira granulata</i> v. <i>angustissima</i>
NDC-1-1	14.9	46	3	15	0	184	1930	718	2	73	2971	<i>Melosira granulata</i> v. <i>angustissima</i>
NDC-1-2	14.5	45	18	26	0	768	2357	298	2	89	3603	<i>Melosira granulata</i> v. <i>angustissima</i>
NDC-2-0	ND	41	17	32	0	623	225	893	0	78	1909	<i>Fragilaria crotonensis</i>
NDC-2-1	15.3	38	3	22	0	952	2605	300	0	126	4046	<i>Melosira granulata</i> v. <i>angustissima</i>
NDC-2-3	15.1	28	5	17	1	298	999	181	1	37	1567	<i>Melosira granulata</i> v. <i>angustissima</i>
NDC-4-3	15.2	41	4	7	0	427	335	232	0	8	1054	Flagellates
NDC-4-4	15.1	17	0	2	0	131	18	258	3	5	434	<i>Fragilaria crotonensis</i>
NDC-7-1	15.3	13	33	0	0	1450	1266	222	0	84	3068	Flagellates, <i>Melosira</i> <i>granulata</i> v. <i>angustissima</i>
NDC-7-3	ND	20	8	22	0	1392	1812	177	0	56	3487	<i>Melosira granulata</i> v. <i>angustissima</i>
NDC-7-5	15.2	28	2	2	0	741	142	60	0	18	993	Flagellates

TABLE 3 continued.

Station	Temperature	Coccolid blue-green	Filamentous blue-green	Coccolid green	Filamentous green	Flagellates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
23 OCTOBER 1973 cont.												
SDC-.5-0	ND	10	2	23	0	334	1496	596	0	17	2478	<i>Melosira granulata</i> v. <i>angustissima</i>
SDC-.5-2	14.8	24	13	289	4	106	733	95	2	182	1448	<i>Melosira granulata</i>
SDC-1-0	ND	3	3	3	0	308	1278	439	0	15	2049	<i>Melosira granulata</i> v. <i>angustissima</i>
SDC-1-2	15.4	31	9	33	0	319	951	413	2	24	1782	<i>Melosira granulata</i> v. <i>angustissima</i>
SDC-2-1	16.0	26	8	10	0	536	957	357	0	66	1960	<i>Melosira granulata</i> v. <i>angustissima</i>
SDC-2-3	15.7	36	3	45	0	1182	1203	336	0	41	2846	<i>Melosira granulata</i> v. <i>angustissima</i>
SDC-4-0	ND	37	2	95	0	635	2152	1132	2	58	4113	<i>Chlamydomonas</i> sp. <i>Melosira granulata</i> v. <i>angustissima</i>
SDC-4-1	15.7	28	7	8	3	381	728	131	0	45	1331	<i>Melosira granulata</i> v. <i>angustissima</i>
SDC-4-3	16.1	26	7	8	3	323	500	124	0	30	1021	<i>Melosira granulata</i> v. <i>angustissima</i> , <i>Chlamydomonas</i> sp.
SDC-4-4	15.2	81	2	13	3	324	38	121	2	13	597	Flagellates
SDC-7-1	17.1	46	10	10	0	675	975	417	0	78	2211	<i>Melosira granulata</i> v. <i>angustissima</i>
SDC-7-3	15.3	27	10	12	0	591	401	282	0	26	1349	Flagellates
SDC-7-5	15.2	26	7	13	0	420	175	179	3	5	828	<i>Chlamydomonas</i> sp. <i>Flagellates</i>

TABLE 4. Dominant and codominant phytoplankters in the seasonal surveys of 1972 and 1973.

Survey	Species or group	Dominant or codominant occurrences
12 APRIL 1972	<i>Tabellaria fenestrata</i> (diatom)	13
	<i>Chlamydomonas</i> sp. (flagellate)	8
	<i>Cyclotella</i> sp. (diatom)	7
	<i>Stephanodiscus</i> sp. (diatom)	6
	<i>Gloeocystis</i> sp. (green alga)	4
16 JULY 1972	<i>Tabellaria fenestrata</i> (diatom)	14
	<i>Gloeocystis</i> sp. (green alga)	5
	<i>Chlamydomonas</i> sp. (flagellate)	5
	<i>Fragilaria intermedia</i> (diatom)	4
	<i>Fragilaria capucina</i> (diatom)	4
	<i>Fragilaria crotonensis</i> (diatom)	3
	<i>Dinobryon</i> sp. (flagellate)	3
	Flagellates	2
	<i>Anabaena</i> sp. (blue-green alga)	2
	<i>Glenodinium</i> sp. (flagellate)	1
	<i>Oocystis</i> sp. (green alga)	1
15 OCT 1972	<i>Melosira granulata</i> (diatom)	26
	<i>Chroococcus limneticus</i> (blue-green alga)	4
	Flagellates	3
	<i>Chroococcus</i> sp. (blue-green alga)	2
25 APRIL 1973	<i>Stephanodiscus minutus</i> (diatom)	21
	Flagellates	12
	<i>Cyclotella</i> sp. (diatom)	5
	<i>Stephanodiscus</i> sp. (diatom)	
	<i>Fragilaria crotonensis</i> (diatom)	1
	<i>Gloeocystis</i> sp. (green alga)	1
	<i>Chlamydomonas</i> sp. (flagellate)	1
	<i>Melosira granulata</i> (diatom)	1
19 JULY 1973	<i>Tabellaria fenestrata</i> v. <i>intermedia</i> (diatom)	1
	<i>Stephanodiscus tenuis</i> (diatom)	19
	<i>Cyclotella stelligera</i> (diatom)	10
	<i>Melosira granulata</i> v. <i>angustissima</i> (diatom)	4
	<i>Chlamydomonas</i> sp. (flagellate)	4
	<i>Cyclotella</i> sp. (diatom)	2
	<i>Cyclotella atomus</i> (diatom)	1
	<i>Anacystis incerta</i> (blue-green alga)	1
	Flagellates	1
	<i>Gloeocystis</i> sp. (green alga)	1
	<i>Coccomyxa coccoides</i> (green alga)	1

TABLE 4 continued.

Survey	Species or group	Dominant or codominant occurrences
23 OCT 1973	<i>Melosira granulata</i> v. <i>angustissima</i>	20
	Flagellates	9
	<i>Chlamydomonas</i> sp. (flagellate)	3
	<i>Fragilaria crotonensis</i> (diatom)	2
	<i>Melosira granulata</i> (diatom)	1

TABLE 5. Master lists of phytoplankton collected.

12 APRIL 1972	
<i>Achnanthes</i> sp.	<i>Coelastrum</i> sp.
<i>Actinastrum hantzschii</i> v. <i>fluviatile</i>	<i>Coelosphaerium</i> sp.
<i>Amphipleura pellucida</i>	<i>Cosmarium</i> sp.
<i>Amphiprora ornata</i>	<i>Crucigenia quadrata</i>
<i>Amphora ovalis</i>	<i>Crucigenia</i> sp.
<i>Anabaena</i> sp.	<i>Cryptomonas</i> sp.
<i>Anacystis</i> sp.	<i>Cyclotella ocellata</i>
<i>Ankistrodesmus falcatus</i>	<i>Cyclotella</i> sp.
<i>Ankistrodesmus falcatus</i> v. <i>mirabilis</i>	<i>Cyclotella stelligera</i>
<i>Ankistrodesmus gelifactus</i>	<i>Cymatopleura solea</i>
<i>Ankistrodesmus</i> sp.	<i>Cymatopleura</i> sp.
<i>Ankistrodesmus</i> sp. #1	<i>Cymbella microcephala</i>
<i>Aphanothece</i> sp.	<i>Cymbella</i> sp.
<i>Aphanocapsa</i> sp.	<i>Dactylococcopsis</i> sp.
<i>Asterionella formosa</i>	Diatom, unknown
<i>Asterionella gracillima</i>	<i>Diatoma tenue</i>
Blue-green unknown colony	<i>Diatoma tenue</i> v. <i>elongatum</i>
Blue-green unknown filament	<i>Diatoma vulgare</i>
<i>Chlamydomonas</i> sp.	<i>Dictyosphaerium</i> sp.
<i>Chroococcus</i> sp.	<i>Dinobryon</i> cysts
<i>Closteriopsis longissima</i>	<i>Dinobryon divergens</i>
<i>Closteriopsis</i> sp.	<i>Dinobryon</i> sp.
<i>Closterium acirculare</i>	Dinoflagellates
<i>Closterium</i> sp.	<i>Diplostauron</i> sp.
<i>Cocconeis pediculus</i>	Flagellates
<i>Cocconeis</i> sp.	<i>Fragilaria capucina</i>
	<i>Fragilaria crotonensis</i>
	<i>Fragilaria intermedia</i>

TABLE 5 continued.

12 APRIL 1972 cont.

<i>Fragilaria intermedia</i> v. <i>fallax</i>	<i>Nitzschia</i> sp.
<i>Fragilaria leptostauron</i>	<i>Nitzschia</i> sp. #2
<i>Fragilaria pinnata</i>	<i>Ochromonas</i> sp.
<i>Fragilaria pinnata</i> v. <i>lancettula</i>	<i>Oedogonium</i> sp.
<i>Fragilaria</i> sp.	<i>Oocystis</i> sp.
<i>Glenodinium</i> sp.	<i>Opephora</i> sp.
<i>Gloeocystis</i> sp.	<i>Ophiocytium</i> sp.
<i>Gomphonema olivaceum</i>	<i>Oscillatoria</i> sp.
<i>Gomphonema</i> sp.	<i>Pediastrum boryanum</i>
<i>Gomphosphaeria aponina</i>	<i>Pediastrum simplex</i>
<i>Gomphosphaeria</i> sp.	<i>Peridinium</i> sp.
Green colony, unknown	<i>Phacus</i> sp.
Green filament, unknown	<i>Rhizosolenia eriensis</i>
Green solitary, unknown	<i>Rhizosolenia gracilis</i>
<i>Lagerheimia</i> sp.	<i>Rhizosolenia</i> sp.
<i>Melosira granulata</i>	<i>Scenedesmus dimorphus</i>
<i>Melosira islandica</i>	<i>Scenedesmus quadricauda</i>
<i>Melosira italica</i>	<i>Scenedesmus</i> sp.
<i>Melosira</i> sp.	<i>Sphaerocystis</i> sp.
<i>Merismopedia</i> sp.	<i>Stephanodiscus binderanus</i>
<i>Mougeotia</i> sp.	<i>Stephanodiscus</i> sp.
<i>Navicula capitata</i>	<i>Stephanodiscus transilvanicus</i>
<i>Navicula decussis</i>	<i>Surirella angusta</i>
<i>Navicula gastrum</i>	<i>Synedra delicatissima</i>
<i>Navicula grimmeri</i>	<i>Synedra filiformis</i>
<i>Navicula pupula</i> v. <i>rostrata</i>	<i>Synedra ostenfeldii</i>
<i>Navicula</i> sp.	<i>Synedra</i> sp.
<i>Navicula</i> sp. #25	<i>Synedra ulna</i>
<i>Navicula tripunctata</i>	<i>Tabellaria fenestrata</i>
<i>Navicula tripunctata</i> v. <i>cuneata</i>	<i>Tetraedron caudatum</i>
<i>Navicula vulpina</i>	<i>Tetraedron minimum</i>
<i>Nitzschia acicularis</i>	<i>Tetraedron</i> sp.
<i>Nitzschia bacata</i>	<i>Westelia botryoides</i>
<i>Nitzschia dissipata</i>	

16 JULY 1972

<i>Amphipecten pellucida</i>	<i>Aphanothece</i> sp.
<i>Amphora</i> sp.	<i>Asterionella formosa</i>
<i>Anabaena</i> sp.	Blue-green unknown colony
<i>Ankistrodesmus braunii</i>	<i>Ceratium hirundinella</i>
<i>Ankistrodesmus falcatus</i>	<i>Ceratium</i> sp.
<i>Ankistrodesmus</i> sp.	<i>Characium</i> sp.
<i>Ankistrodesmus</i> sp. #2	<i>Chlamydomonas</i> sp.
<i>Ankistrodesmus</i> sp. #3	<i>Chroococcus</i> sp.
<i>Ankistrodesmus</i> sp. #5	<i>Closteriopsis longissima</i>

TABLE 5 continued.

16 JULY 1972 cont.

<i>Coelastrum microporum</i>	<i>Navicula</i> sp.
<i>Cosmarium</i> sp.	<i>Navicula viridula</i> v. <i>rostelata</i>
<i>Crucigenia</i> sp.	<i>Neidium</i> sp.
<i>Cryptomonas</i> sp.	<i>Nitzschia acicularis</i>
<i>Cyclotella atomus</i>	<i>Nitzschia acicularoides</i>
<i>Cyclotella comta</i>	<i>Nitzschia bacata</i>
<i>Cyclotella comta</i> v. <i>bodanica</i>	<i>Nitzschia confinis</i>
<i>Cyclotella cryptica</i>	<i>Nitzschia delicatissima</i>
<i>Cyclotella glomerata</i>	<i>Nitzschia dissipata</i>
<i>Cyclotella kuetzingiana</i>	<i>Nitzschia holsatica</i>
<i>Cyclotella meneghiniana</i>	<i>Nitzschia insecta</i>
<i>Cyclotella michiganiana</i>	<i>Nitzschia palea</i>
<i>Cyclotella ocellata</i>	<i>Nitzschia paleacea</i>
<i>Cyclotella</i> sp.	<i>Nitzschia recta</i>
<i>Cyclotella stelligera</i>	<i>Nitzschia</i> sp.
<i>Cymatopleura solea</i>	<i>Nitzschia</i> sp. #1
<i>Dactylococcopsis</i> sp.	<i>Nitzschia</i> sp. #2
<i>Diatoma tenue</i>	<i>Ochromonas</i> sp.
<i>Diatoma tenue</i> v. <i>elongatum</i>	<i>Oedogonium</i> sp.
<i>Dinobryon divergens</i>	<i>Oocystis</i> sp.
<i>Dinobryon sociale</i>	<i>Pediastrum</i> sp.
<i>Dinobryon</i> sp.	<i>Peridinium</i> sp.
<i>Dinoflagellates</i>	<i>Quadrigula lacustris</i>
<i>Euglena</i> sp.	<i>Rhizosolenia eriensis</i>
<i>Flagellates</i>	<i>Rhoicosphenia curvata</i>
<i>Fragilaria capucina</i>	<i>Scenedesmus bicellularis</i>
<i>Fragilaria crotonensis</i>	<i>Scenedesmus falcatus</i>
<i>Fragilaria intermedia</i>	<i>Scenedesmus quadricauda</i>
<i>Fragilaria</i> sp.	<i>Scenedesmus serratus</i>
<i>Franceia</i> sp.	<i>Scenedesmus</i> sp.
<i>Glenodinium</i> sp.	<i>Schroederia</i> sp.
<i>Gloeocystis planctonica</i>	<i>Selenastrum</i> sp.
<i>Gloeocystis</i> sp.	<i>Sorastrum spinulosum</i>
<i>Gloeotheca</i> sp.	<i>Sphaerocystis schroeteri</i>
<i>Gomphosphaeria aponina</i>	<i>Sphaerocystis</i> sp.
<i>Gomphosphaeria lacustris</i>	Spores
Green filament, unknown	<i>Stephanodiscus alpinus</i>
Green solitary, unknown	<i>Stephanodiscus astraia</i>
<i>Hemidinium</i> sp.	<i>Stephanodiscus binderanus</i>
<i>Kirchneriella</i> sp.	<i>Stephanodiscus hantzschii</i>
<i>Mallomonas caudata</i>	<i>Stephanodiscus minutus</i>
<i>Mallomonas</i> sp.	<i>Stephanodiscus</i> sp.
<i>Melosira granulata</i>	<i>Stephanodiscus subtilis</i>
<i>Melosira islandica</i>	<i>Stephanodiscus tenuis</i>
<i>Melosira</i> sp.	<i>Surirella angusta</i>
<i>Navicula decussis</i>	<i>Synedra delicatissima</i>

TABLE 5 continued.

16 JULY 1972 cont.

Synedra demerarae
Synedra ostenfeldii
Synedra sp.
Synedra ulna

Synura sp.
Tabellaria fenestrata
Tetraedron minimum

15 OCTOBER 1972

Achnanthes clevei v. *rostrata*
Achnanthes exigua
Achnanthes lanceolata v. *dubia*
Achnanthes sp.
Actinastrum hantzschii v.
fluviatile
Amphipleura pellucida
Amphiprora ornata
Amphora ovalis
Amphora ovalis v. *pediculus*
Amphora sp.
Anabaena sp.
Anacystis sp.
Ankistrodesmus falcatus
Ankistrodesmus sp. #1
Ankistrodesmus sp. #2
Ankistrodesmus sp. #3
Aphanocapsa sp.
Asterionella formosa
Blue-green unknown filament
Caloneis ventricosa v. *minuta*
Ceratium hirundinella
Chlamydomonas sp.
Chlorococcum sp.
Chroococcus sp.
Chroococcus limneticus
Chroococcus turgidus
Closteriopsis longissima
Closteriopsis sp.
Cocconeis sp.
Coelastrum sp.
Coelosphaerium collinsii
Coelosphaerium sp.
Cosmarium sp.
Crucigenia fenestrata
Crucigenia quadrata
Cryptomonas sp.
Cyclotella atomus
Cyclotella comta

Cyclotella comta v. *bodanica*
Cyclotella cryptica
Cyclotella glomerata
Cyclotella kuetzingiana
Cyclotella meneghiniana
Cyclotella meneghiniana v. *plana*
Cyclotella michiganiana
Cyclotella sp.
Cyclotella stelligera
Cymatopleura solea
Cymbella ventricosa
Dactylococcopsis acicularis
Dactylococcopsis sp.
Diatoma tenue v. *elongatum*
Diatoma vulgare
Diatoma vulgare v. *breve*
Dinobryon divergens
Dinoflagellates
Euglena sp.
Flagellates
Fragilaria capucina
Fragilaria construens
Fragilaria construens v. *pumila*
Fragilaria construens v. *venter*
Fragilaria crotonensis
Fragilaria intermedia
Fragilaria leptostauron
Fragilaria pinnata
Fragilaria vaucheriae
Glenodinium sp.
Gloeocystis sp.
Gomphonema olivaceum
Gomphonema parvulum
Gomphosphaeria aponina
Gomphosphaeria sp.
Green filament, unknown
Gyrosigma acuminatum
Kirchneriella sp.
Mallomonas pseudocoronata

TABLE 5 continued.

15 OCTOBER 1972 cont.

<i>Melosira distans</i>	<i>Rhoicosphenia curvata</i>
<i>Melosira distans</i> v. <i>alpigena</i>	<i>Scenedesmus abundans</i>
<i>Melosira granulata</i>	<i>Scenedesmus abundans</i> v. <i>longicauda</i>
<i>Melosira granulata</i> v. <i>angustissima</i>	<i>Scenedesmus bicellularis</i>
<i>Merismopedia elegans</i>	<i>Scenedesmus dimorphus</i>
<i>Navicula amphiceros</i>	<i>Scenedesmus falcatus</i>
<i>Navicula capitata</i>	<i>Scenedesmus quadricauda</i>
<i>Navicula capitata</i> v. <i>luneburgensis</i>	<i>Scenedesmus</i> sp.
<i>Navicula cryptocephala</i>	<i>Scenedesmus wisconsinensis</i>
<i>Navicula gastrum</i>	<i>Selenastrum</i> sp.
<i>Navicula lanceolata</i>	<i>Sphaerocystis</i> sp.
<i>Navicula menisculus</i>	<i>Spirogyra</i> sp.
<i>Navicula platystoma</i>	<i>Staurastrum</i> sp.
<i>Navicula rhynchocephala</i>	<i>Stephanodiscus alpinus</i>
<i>Navicula</i> sp.	<i>Stephanodiscus astraea</i>
<i>Navicula</i> sp. #78	<i>Stephanodiscus binderanus</i>
<i>Navicula tripunctata</i>	<i>Stephanodiscus hantzschii</i>
<i>Neidium dubium</i>	<i>Stephanodiscus minutus</i>
<i>Nitzschia acicularis</i>	<i>Stephanodiscus niagarae</i>
<i>Nitzschia acuta</i>	<i>Stephanodiscus</i> sp.
<i>Nitzschia amphibia</i>	<i>Stephanodiscus subtilis</i>
<i>Nitzschia amphibia</i> v. <i>fossilis</i>	<i>Stephanodiscus tenuis</i>
<i>Nitzschia angusta</i>	<i>Stephanodiscus transilvanicus</i>
<i>Nitzschia angusta</i> v. <i>acuta</i>	<i>Surirella angusta</i>
<i>Nitzschia bacata</i>	<i>Surirella ovata</i> v. <i>pinnata</i>
<i>Nitzschia capitellata</i>	<i>Synedra acus</i>
<i>Nitzschia confinis</i>	<i>Synedra capitata</i> v. <i>fossilis</i>
<i>Nitzschia dissipata</i>	<i>Synedra delicatissima</i> v. <i>angustissima</i>
<i>Nitzschia filiformis</i>	<i>Synedra demerarae</i>
<i>Nitzschia fonticola</i>	<i>Synedra fasciculata</i>
<i>Nitzschia frustulum</i>	<i>Synedra filiformis</i>
<i>Nitzschia palea</i>	<i>Synedra minuscula</i>
<i>Nitzschia paleacea</i>	<i>Synedra ostenfeldii</i>
<i>Nitzschia parvula</i>	<i>Synedra parasitica</i> v. <i>subconstricta</i>
<i>Nitzschia recta</i>	<i>Synedra pulchella</i>
<i>Nitzschia romana</i>	<i>Synedra rumpens</i>
<i>Nitzschia</i> sp.	<i>Synedra</i> sp.
<i>Nitzschia</i> sp. #1	<i>Synedra</i> sp. #11
<i>Nitzschia</i> sp. #2	<i>Synedra tenera</i>
<i>Nitzschia</i> sp. #7	<i>Synedra ulna</i>
<i>Nitzschia</i> sp. #9	<i>Synedra ulna</i> v. <i>chaseana</i>
<i>Nitzschia spiculoides</i>	<i>Synedra vaucheriae</i> v. <i>capitellata</i>
<i>Oestrupia zachariasii</i>	<i>Tabellaria fenestrata</i>
<i>Oocystis</i> sp.	<i>Tetraedron caudatum</i>
<i>Pediastrum duplex</i>	<i>Tetraedron caudatum</i> v. <i>longispina</i>
<i>Rhizosolenia eriensis</i>	<i>Tetraedron minimum</i>

TABLE 5 continued.

15 OCTOBER 1972 cont.

Tetraedron muticum
Tetrastrum staurogeniaeforme

Treubaria trigonum

25 APRIL 1973

<i>Achnanthes</i> sp.	<i>Crucigenia apiculata</i>
<i>Amphipleura pellucida</i>	<i>Crucigenia quadrata</i>
<i>Amphiprora ornata</i>	<i>Cryptomonas</i> sp.
<i>Amphora hemicycla</i>	<i>Cyclotella atomus</i>
<i>Amphora ovalis</i>	<i>Cyclotella cryptica</i>
<i>Amphora ovalis</i> v. <i>pediculus</i>	<i>Cyclotella glomerata</i>
<i>Amphora</i> sp.	<i>Cyclotella kuetzingiana</i>
<i>Anacystis</i> sp.	<i>Cyclotella meneghiniana</i>
<i>Ankistrodesmus braunii</i>	<i>Cyclotella meneghiniana</i> v. <i>plana</i>
<i>Ankistrodesmus falcatus</i>	<i>Cyclotella michiganiana</i>
<i>Ankistrodesmus falcatus</i> v. <i>mirabilis</i>	<i>Cyclotella ocellata</i>
<i>Ankistrodesmus falcatus</i> v. <i>tumidus</i>	<i>Cyclotella pseudostelligera</i>
<i>Ankistrodesmus gelifactum</i>	<i>Cyclotella</i> sp.
<i>Ankistrodesmus</i> sp.	<i>Cyclotella stelligera</i>
<i>Ankistrodesmus</i> sp. #1	<i>Cyclotella temperei</i>
<i>Ankistrodesmus</i> sp. #3	<i>Cymatopleura solea</i>
<i>Aphanocapsa</i> sp.	<i>Cymatopleura solea</i> v. <i>apiculata</i>
<i>Aphanothece</i> sp.	<i>Cymbella ventricosa</i>
<i>Asterionella bleakeleyi</i>	<i>Dactylococcopsis</i> sp.
<i>Asterionella formosa</i>	<i>Diatoma tenue</i>
<i>Asterionella gracillima</i>	<i>Diatoma tenue</i> v. <i>elongatum</i>
<i>Attheya</i> sp.	<i>Diatoma tenue</i> v. <i>pachycephala</i>
Blue-green unknown colony	<i>Diatoma vulgare</i>
Blue-green unknown filament	<i>Diatoma vulgare</i> v. <i>breve</i>
<i>Botryococcus braunii</i>	<i>Dictyosphaerium pulchellum</i>
<i>Chlamydomonas</i> sp.	<i>Dinobryon divergens</i>
<i>Chlorococcum</i> sp.	<i>Dinobryon</i> sp.
<i>Chroococcus dispersus</i>	<i>Dinoflagellates</i>
<i>Chroococcus limneticus</i>	<i>Euglena</i> sp.
<i>Chroococcus</i> sp.	<i>Eunotia</i> sp.
<i>Chroococcus turgidus</i>	Flagellates
<i>Closteriopsis longissima</i>	<i>Fragilaria brevistriata</i>
<i>Closterium</i> sp.	<i>Fragilaria capucina</i>
<i>Coccomyxa coccoides</i>	<i>Fragilaria construens</i>
<i>Coccomyxa minor</i>	<i>Fragilaria crotonensis</i>
<i>Cocconeis</i> sp.	<i>Fragilaria intermedia</i>
<i>Coelosphaerium naegelianum</i>	<i>Fragilaria pinnata</i>
<i>Coelosphaerium</i> sp.	<i>Fragilaria</i> sp.
<i>Coscinodiscus tuberculatus</i>	<i>Glenodinium</i> sp.
<i>Cosmarium</i> sp.	<i>Gloeocystis major</i>
	<i>Gloeocystis planctonica</i>

TABLE 5 continued.

25 APRIL 1973 cont.

<i>Gloeocystis</i> sp.	<i>Nitzschia linearis</i>
<i>Gomphonema olivaceum</i>	<i>Nitzschia longissima</i>
<i>Gomphonema</i> sp.	<i>Nitzschia palea</i>
<i>Gomphosphaeria</i> sp.	<i>Nitzschia recta</i>
Green coccoid, unknown	<i>Nitzschia sigma</i>
Green colony, unknown	<i>Nitzschia</i> sp.
Green filament, unknown	<i>Nitzschia</i> sp. #1
Green solitary, unknown	<i>Nitzschia</i> sp. #2
<i>Gymnodinium</i> sp.	<i>Nitzschia</i> sp. #12
<i>Kirchneriella</i> sp.	<i>Nitzschia spiculoides</i>
<i>Mallomonas pseudocoronata</i>	<i>Nitzschia tryblionella</i>
<i>Mallomonas</i> sp.	<i>Oedogonium</i> sp.
<i>Melosira distans</i> v. <i>alpigena</i>	<i>Oocystis solitaria</i>
<i>Melosira granulata</i>	<i>Oocystis</i> sp.
<i>Melosira granulata</i> v. <i>angustissima</i>	<i>Oocystis submarina</i>
<i>Melosira islandica</i>	<i>Opephora martyi</i>
<i>Melosira italica</i>	<i>Oscillatoria limnetica</i>
<i>Melosira italica</i> subsp. <i>subarctica</i>	<i>Oscillatoria</i> sp.
<i>Melosira varians</i>	<i>Oscillatoria spirulina</i>
<i>Meridion circulare</i>	<i>Peridinium</i> sp.
<i>Microcystis aeruginosa</i>	<i>Phacus</i> sp.
<i>Mougeotia</i> sp.	<i>Phormidium</i> sp.
<i>Navicula capitata</i>	<i>Pinnularia</i> sp.
<i>Navicula clementis</i> v. <i>quadrastigmata</i>	<i>Quadrigula lacustris</i>
<i>Navicula costulata</i>	<i>Rhizosolenia eriensis</i>
<i>Navicula gastrum</i>	<i>Rhizosolenia gracilis</i>
<i>Navicula lanceolata</i>	<i>Rhizosolenia longiseta</i>
<i>Navicula latens</i>	<i>Rhoicosphenia curvata</i>
<i>Navicula radiosa</i>	<i>Scenedesmus bicellularis</i>
<i>Navicula</i> sp.	<i>Scenedesmus bijuga</i>
<i>Navicula tripunctata</i>	<i>Scenedesmus quadricauda</i>
<i>Nitzschia acicularis</i>	<i>Scenedesmus</i> sp.
<i>Nitzschia acicularoides</i>	<i>Sphaerocystis</i> sp.
<i>Nitzschia acuta</i>	<i>Spirulina nordstedtii</i>
<i>Nitzschia amphicephala</i>	<i>Staurastrum</i> sp.
<i>Nitzschia apiculata</i>	<i>Stephanodiscus alpinus</i>
<i>Nitzschia bacata</i>	<i>Stephanodiscus astraia</i>
<i>Nitzschia capitellata</i>	<i>Stephanodiscus binderanus</i>
<i>Nitzschia confinis</i>	<i>Stephanodiscus hantzschii</i>
<i>Nitzschia dissipata</i>	<i>Stephanodiscus minutus</i>
<i>Nitzschia dissipata</i> v. <i>media</i>	<i>Stephanodiscus niagarae</i>
<i>Nitzschia fonticola</i>	<i>Stephanodiscus</i> sp.
<i>Nitzschia hungarica</i>	<i>Stephanodiscus</i> sp. #5
	<i>Stephanodiscus subtilis</i>
	<i>Stephanodiscus tenuis</i>
	<i>Stephanodiscus transilvanicus</i>

TABLE 5 continued.

25 APRIL 1973 cont.

<i>Surirella angusta</i>	<i>Synedra parasitica</i>
<i>Surirella ovalis</i>	<i>Synedra</i> sp.
<i>Surirella</i> sp.	<i>Synedra tenera</i>
<i>Synedra acus</i>	<i>Synedra ulna</i>
<i>Synedra delicatissima</i>	<i>Synedra ulna</i> v. <i>chaseana</i>
<i>Synedra delicatissima</i> v.	<i>Synedra ulna</i> v. <i>danica</i>
<i>angustissima</i>	<i>Synedra ulna</i> v. <i>longissima</i>
<i>Synedra demerarae</i>	<i>Synedra ulna</i> v. <i>spathulifera</i>
<i>Synedra fasciculata</i>	<i>Tabellaria fenestrata</i>
<i>Synedra filiformis</i>	<i>Tabellaria fenestrata</i> v. <i>geniculata</i>
<i>Synedra minuscula</i>	<i>Tabellaria fenestrata</i> v. <i>intermedia</i>
<i>Synedra montana</i>	<i>Tabellaria flocculosa</i>
<i>Synedra ostenfeldii</i>	<i>Ulothrix</i> sp.

19 JULY 1973

<i>Achnanthes lanceolata</i> v. <i>dubia</i>	<i>Botryococcus braunii</i>
<i>Achnanthes</i> sp.	<i>Botryococcus</i> sp.
<i>Achnanthes</i> sp. #1	<i>Caloneis</i> sp.
<i>Actinastrum hantzschii</i>	<i>Ceratium hirundinella</i>
<i>Actinastrum hantzschii</i> v.	<i>Chaetopeltis orbicularis</i>
<i>fluviatile</i>	<i>Chlamydomonas</i> sp.
<i>Actinastrum</i> sp.	<i>Chroococcus dispersus</i>
<i>Amphora ovalis</i>	<i>Chroococcus dispersus</i> v. <i>minor</i>
<i>Amphora ovalis</i> v. <i>libyca</i>	<i>Chroococcus limneticus</i>
<i>Amphora ovalis</i> v. <i>pediculus</i>	<i>Chroococcus pallidus</i>
<i>Amphora</i> sp.	<i>Chroococcus prescottii</i>
<i>Anabaena circinalis</i>	<i>Chroococcus</i> sp.
<i>Anabaena flos-aquae</i>	<i>Coccomyxa coccoides</i>
<i>Anabaena</i> sp.	<i>Cocconeis diminuta</i>
<i>Anabaena</i> sp. #2	<i>Cocconeis placentula</i>
<i>Anacystis incerta</i>	<i>Cocconeis placentula</i> v. <i>euglypta</i>
<i>Anacystis</i> sp.	<i>Cocconeis</i> sp.
<i>Ankistrodesmus falcatus</i>	<i>Coelastrum</i> sp.
<i>Ankistrodesmus gelifactum</i>	<i>Coelastrum sphaericum</i>
<i>Ankistrodesmus</i> sp.	<i>Conococcus elongatus</i>
<i>Ankistrodesmus</i> sp. #1	<i>Cosmarium</i> sp.
<i>Ankistrodesmus</i> sp. #2	<i>Crucigenia apiculata</i>
<i>Ankistrodesmus</i> sp. #3	<i>Crucigenia quadrata</i>
<i>Ankistrodesmus</i> sp. #5	<i>Crucigenia</i> sp.
<i>Aphanizomenon flos-aquae</i>	<i>Crucigenia tetrapedia</i>
<i>Asterionella formosa</i>	<i>Crucigenia truncata</i>
<i>Asterionella formosa</i> v. <i>gracillima</i>	<i>Cryptomonas</i> sp.
Blue-green unknown cells	<i>Cyclotella atomus</i>
Blue-green unknown colony	<i>Cyclotella comta</i>
<i>Borodinella polytetras</i>	<i>Cyclotella cryptica</i>

TABLE 5 continued.

19 JULY 1973 cont.

<i>Cyclotella kuetzingiana</i>	<i>Kirchneriella obesa</i>
<i>Cyclotella meneghiniana</i>	<i>Kirchneriella</i> sp.
<i>Cyclotella meneghiniana</i> v. <i>plana</i>	<i>Lagerheimia longiseta</i>
<i>Cyclotella michiganiana</i>	<i>Mallomonas</i> sp.
<i>Cyclotella ocellata</i>	<i>Marssoniella elegans</i>
<i>Cyclotella operculata</i>	<i>Melosira granulata</i>
<i>Cyclotella</i> sp.	<i>Melosira granulata</i> v. <i>angustissima</i>
<i>Cyclotella stelligera</i>	<i>Melosira granulata</i> v. <i>muzzanensis</i>
<i>Dactylococcopsis</i> sp.	<i>Melosira italica</i>
<i>Dictyosphaerium pulchellum</i>	<i>Merismopedia elegans</i>
Desmid	<i>Merismopedia glauca</i>
Dinoflagellates	<i>Merismopedia</i> sp.
<i>Diatoma tenue</i> v. <i>elongatum</i>	<i>Micractinium pusillum</i>
<i>Diatoma tenue</i> v. <i>pachycephala</i>	<i>Microcystis aeruginosa</i>
<i>Diatoma vulgare</i>	<i>Microcystis</i> sp.
<i>Dinobryon divergens</i>	<i>Mougeotia</i> sp.
<i>Dinobryon sociale</i>	<i>Navicula capitata</i>
<i>Echinosphaerella limnetica</i>	<i>Navicula costulata</i>
<i>Elakatothrix gelatinosa</i>	<i>Navicula cryptocephala</i>
<i>Elakatothrix viridis</i>	<i>Navicula cryptocephaloides</i>
<i>Euglena</i> sp.	<i>Navicula decussis</i>
Flagellates	<i>Navicula radiosa</i>
<i>Fragilaria brevistriata</i>	<i>Navicula</i> sp.
<i>Fragilaria capucina</i>	<i>Navicula tripunctata</i>
<i>Fragilaria construens</i>	<i>Neidium</i> sp.
<i>Fragilaria crotonensis</i>	<i>Nephrocytium</i> sp.
<i>Fragilaria intermedia</i>	<i>Nitzschia acicularis</i>
<i>Fragilaria pinnata</i>	<i>Nitzschia acicularoides</i>
<i>Franceia droescheri</i>	<i>Nitzschia bacata</i>
<i>Glenodinium</i> sp.	<i>Nitzschia capitellata</i>
<i>Gloeocystis planctonica</i>	<i>Nitzschia confinis</i>
<i>Gloeocystis</i> sp.	<i>Nitzschia dissipata</i>
<i>Gloeocystis vesiculosa</i>	<i>Nitzschia palea</i>
<i>Gomphosphaeria lacustris</i>	<i>Nitzschia paleacea</i>
<i>Gomphosphaeria lacustris</i> v. <i>compacta</i>	<i>Nitzschia</i> sp.
<i>Gomphosphaeria</i> sp.	<i>Nitzschia</i> sp. #2
<i>Gomphonema olivaceum</i>	<i>Ochromonas</i> sp.
<i>Gomphonema</i> sp.	<i>Oocystis</i> sp.
<i>Gonium sociale</i>	<i>Ophiocytium</i> sp.
Green coccoid, unknown	<i>Oscillatoria limnetica</i>
Green colony, unknown	<i>Oscillatoria</i> sp.
Green filament, unknown	<i>Pediastrum duplex</i>
Green solitary, unknown	<i>Pediastrum duplex</i> v. <i>gracillimum</i>
<i>Gymnodinium</i> sp.	<i>Pediastrum duplex</i> v. <i>rotundatum</i>
<i>Kirchneriella contorta</i>	<i>Pediastrum</i> sp.
	<i>Peridinium</i> sp.

TABLE 5 continued.

19 JULY 1973 cont.

<i>Phormidium</i> sp.	<i>Stephanodiscus alpinus</i>
<i>Quadrigula lacustris</i>	<i>Stephanodiscus binderanus</i>
<i>Rhizochrysis</i> sp.	<i>Stephanodiscus hantzschii</i>
<i>Rhizosolenia eriensis</i>	<i>Stephanodiscus minutus</i>
<i>Rhizosolenia longiseta</i>	<i>Stephanodiscus</i> sp.
<i>Rhoicosphenia curvata</i>	<i>Stephanodiscus subtilis</i>
<i>Scenedesmus abundans</i>	<i>Stephanodiscus tenuis</i>
<i>Scenedesmus abundans</i> v. <i>brevicauda</i>	<i>Surirella angusta</i>
<i>Scenedesmus acuminatus</i>	<i>Synedra acus</i>
<i>Scenedesmus bicellularis</i>	<i>Synedra delicatissima</i>
<i>Scenedesmus bijuga</i>	<i>Synedra delicatissima</i> v. <i>angustissima</i>
<i>Scenedesmus bijuga</i> v. <i>alternans</i>	<i>Synedra filiformis</i>
<i>Scenedesmus denticulatus</i>	<i>Synedra minuscula</i>
<i>Scenedesmus dimorphus</i>	<i>Synedra ostensfeldii</i>
<i>Scenedesmus falcatus</i>	<i>Synedra parasitica</i>
<i>Scenedesmus incrassatulus</i>	<i>Synedra</i> sp.
<i>Scenedesmus longispina</i>	<i>Synedra ulna</i>
<i>Scenedesmus opoliensis</i>	<i>Synedra ulna</i> v. <i>chaseana</i>
<i>Scenedesmus opoliensis</i> v. <i>contacta</i>	<i>Tabellaria fenestrata</i>
<i>Scenedesmus printzii</i>	<i>Tabellaria fenestrata</i> v. <i>intermedia</i>
<i>Scenedesmus quadricauda</i>	<i>Tabellaria flocculosa</i>
<i>Scenedesmus quadricauda</i> v. <i>longispina</i>	<i>Tetrademus smithii</i>
<i>Scenedesmus quadricauda</i> v. <i>maximus</i>	<i>Tetraedron caudatum</i>
<i>Scenedesmus quadricauda</i> v. <i>parvus</i>	<i>Tetraedron caudatum</i> v. <i>longispina</i>
<i>Scenedesmus serratus</i>	<i>Tetraedron minimum</i>
<i>Scenedesmus</i> sp.	<i>Tetraedron minutum</i>
<i>Scenedesmus tenuispina</i>	<i>Tetraedron pentaedricum</i>
<i>Scenedesmus wisconsinensis</i>	<i>Tetraedron regulare</i>
<i>Schroederiella papillata</i>	<i>Tetraedron regulare</i> v. <i>incus</i>
<i>Selenastrum minutum</i>	<i>Tetraedron</i> sp.
<i>Selenastrum</i> sp.	<i>Tetraedron trigonum</i>
<i>Sphaerocystis schroeteri</i>	<i>Tetraedron trigonum</i> v. <i>gracile</i>
Spores	<i>Tetraedron tumidulum</i>
<i>Staurastrum</i> sp.	<i>Westella linearis</i>

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<i>Achnanthes clevei</i>	<i>Amphora ovalis</i> v. <i>libyca</i>
<i>Achnanthes clevei</i> v. <i>rostrata</i>	<i>Amphora ovalis</i> v. <i>pediculus</i>
<i>Achnanthes exigua</i>	<i>Amphora</i> sp.
<i>Achnanthes lanceolata</i>	<i>Amphora veneta</i>
<i>Achnanthes</i> sp.	<i>Anabaena circinalis</i>
<i>Amphipleura pellucida</i>	<i>Anabaena flos-aquae</i>
<i>Amphiprora ornata</i>	<i>Anabaena</i> sp.
<i>Amphora ovalis</i>	<i>Anacystis incerta</i>

TABLE 5 continued.

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<i>Anacystis</i> sp.	<i>Cyclotella stelligera</i>
<i>Ankistrodesmus falcatus</i>	<i>Cyclotella striata</i>
<i>Ankistrodesmus gelifactum</i>	<i>Cymatopleura solea</i>
<i>Ankistrodesmus</i> sp.	<i>Cymatopleura solea</i> v. <i>apiculata</i>
<i>Ankistrodesmus</i> sp. #1	<i>Cymatopleura</i> sp.
<i>Ankistrodesmus</i> sp. #3	<i>Cymbella</i> sp.
<i>Ankistrodesmus</i> sp. #5	<i>Dactylococcopsis acicularis</i>
<i>Aphanocapsa</i> sp.	<i>Dactylococcopsis</i> sp.
<i>Asterionella formosa</i>	<i>Diatoma tenue</i> v. <i>elongatum</i>
Blue-green unknown colony	<i>Diatoma tenue</i> v. <i>pachycephala</i>
<i>Caloneis ventricosa</i>	<i>Dictyosphaerium pulchellum</i>
<i>Caloneis ventricosa</i> v. <i>trunculata</i>	<i>Dimorphococcus</i> sp.
<i>Ceratium hirundinella</i>	<i>Dinobryon bavaricum</i>
<i>Ceratium</i> sp.	<i>Dinobryon divergens</i>
<i>Characium limneticum</i>	<i>Dinobryon sociale</i>
<i>Chlamydomonas</i> sp.	Dinoflagellate cysts
<i>Chroococcus limneticus</i>	Dinoflagellates
<i>Chroococcus prescottii</i>	<i>Diploneis</i> sp.
<i>Chroococcus</i> sp.	Flagellates
<i>Closteriopsis longissima</i>	<i>Fragilaria brevistriata</i>
<i>Closteriopsis</i> sp.	<i>Fragilaria capucina</i>
<i>Closterium</i> sp.	<i>Fragilaria capucina</i> v. <i>lanceolata</i>
<i>Coccomyxa coccoides</i>	<i>Fragilaria capucina</i> v. <i>mesolepta</i>
<i>Coccomyxa</i> sp.	<i>Fragilaria construens</i>
<i>Cocconeis pediculus</i>	<i>Fragilaria construens</i> v. <i>pumila</i>
<i>Cocconeis placentula</i> v. <i>euglypta</i>	<i>Fragilaria crotonensis</i>
<i>Coelastrum</i> sp.	<i>Fragilaria intermedia</i>
<i>Coelastrum sphaericum</i>	<i>Fragilaria pinnata</i>
<i>Coelosphaerium naegelianum</i>	<i>Fragilaria vaucheriae</i>
<i>Coscinodiscus</i> sp.	<i>Glenodinium</i> sp.
<i>Cosmarium</i> sp.	<i>Gloeocystis planctonica</i>
<i>Crucigenia apiculata</i>	<i>Gloeocystis</i> sp.
<i>Crucigenia quadrata</i>	<i>Gomphonema olivaceum</i>
<i>Crucigenia</i> sp.	<i>Gomphosphaeria lacustris</i>
<i>Cryptomonas</i> sp.	<i>Gomphosphaeria lacustris</i> v. <i>compacta</i>
<i>Cyclotella atomus</i>	<i>Gomphosphaeria</i> sp.
<i>Cyclotella auxospore</i>	Green coccoid, unknown
<i>Cyclotella comta</i>	Green colony, unknown
<i>Cyclotella cryptica</i>	Green filament, unknown
<i>Cyclotella kuetzingiana</i>	Green solitary, unknown
<i>Cyclotella meneghiniana</i>	<i>Kirchneriella elongata</i>
<i>Cyclotella meneghiniana</i> v. <i>plana</i>	<i>Kirchneriella</i> sp.
<i>Cyclotella michiganiana</i>	<i>Mallomonas</i> sp.
<i>Cyclotella ocellata</i>	<i>Melosira ambigua</i>
<i>Cyclotella pseudostelligera</i>	<i>Melosira granulata</i>
<i>Cyclotella</i> sp.	<i>Melosira granulata</i> v. <i>angustissima</i>

TABLE 5 continued.

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<i>Melosira islandica</i>	<i>Quadrigula</i> sp.
<i>Melosira italica</i>	<i>Rhizosolenia eriensis</i>
<i>Melosira italica</i> subsp. <i>subarctica</i>	<i>Rhizosolenia longiseta</i>
<i>Merismopedia elegans</i>	<i>Scenedesmus abundans</i>
<i>Merismopedia</i> sp.	<i>Scenedesmus acuminatus</i>
<i>Microcystis aeruginosa</i>	<i>Scenedesmus acutiformis</i>
<i>Microcystis</i> sp.	<i>Scenedesmus bernardi</i>
<i>Navicula anglica</i> v. <i>subsalsa</i>	<i>Scenedesmus bicellularis</i>
<i>Navicula capitata</i>	<i>Scenedesmus bijuga</i>
<i>Navicula costulata</i>	<i>Scenedesmus denticulatus</i>
<i>Navicula decussis</i>	<i>Scenedesmus dimorphus</i>
<i>Navicula gastrum</i>	<i>Scenedesmus falcatus</i>
<i>Navicula pupula</i>	<i>Scenedesmus incrassatulus</i>
<i>Navicula</i> sp.	<i>Scenedesmus quadricauda</i>
<i>Navicula tripunctata</i>	<i>Scenedesmus quadricauda</i> v. <i>longispina</i>
<i>Neidium</i> sp.	<i>Scenedesmus quadricauda</i> v. <i>maximus</i>
<i>Nitzschia acicularis</i>	<i>Scenedesmus serratus</i>
<i>Nitzschia amphibia</i>	<i>Scenedesmus</i> sp.
<i>Nitzschia amphibia</i> v. <i>fossilis</i>	<i>Scenedesmus wisconsinensis</i>
<i>Nitzschia bacata</i>	<i>Schroederia judayi</i>
<i>Nitzschia confinis</i>	<i>Schroederiella papillata</i>
<i>Nitzschia dissipata</i>	<i>Selenastrum</i> sp.
<i>Nitzschia fonticola</i>	<i>Sorastrum americanum</i>
<i>Nitzschia frustulum</i>	<i>Sphaerocystis schroeteri</i>
<i>Nitzschia hungarica</i>	Spores
<i>Nitzschia linearis</i>	<i>Staurostrum</i> sp.
<i>Nitzschia palea</i>	<i>Stephanodiscus alpinus</i>
<i>Nitzschia paleacea</i>	<i>Stephanodiscus astraia</i>
<i>Nitzschia parvula</i>	<i>Stephanodiscus binderanus</i>
<i>Nitzschia</i> sp.	<i>Stephanodiscus hantzschii</i>
<i>Nitzschia</i> sp. #1	<i>Stephanodiscus minutus</i>
<i>Nitzschia</i> sp. #10	<i>Stephanodiscus niagarae</i>
<i>Nitzschia</i> sp. #20	<i>Stephanodiscus</i> sp.
<i>Nitzschia spiculoides</i>	<i>Stephanodiscus subtilis</i>
<i>Oocystis</i> sp.	<i>Stephanodiscus tenuis</i>
<i>Oscillatoria limnetica</i>	<i>Stephanodiscus transilvanicus</i>
<i>Oscillatoria</i> sp.	<i>Surirella angusta</i>
<i>Pediastrum duplex</i>	<i>Surirella</i> sp.
<i>Pediastrum duplex</i> v. <i>gracillimum</i>	<i>Synedra acus</i>
<i>Pediastrum simplex</i>	<i>Synedra delicatissima</i>
<i>Pediastrum</i> sp.	<i>Synedra delicatissima</i> v. <i>angustissima</i>
<i>Pediastrum tetras</i>	<i>Synedra demerarae</i>
<i>Peridinium</i> sp.	<i>Synedra filiiformis</i>
<i>Phormidium</i> sp.	<i>Synedra ostenfeldii</i>
<i>Pinnularia</i> sp.	<i>Synedra parasitica</i>
<i>Quadrigula lacustris</i>	<i>Synedra</i> sp.

TABLE 5 continued.

23 OCTOBER 1973 cont.

<i>Synedra ulna</i>	<i>Tetraedron minimum</i>
<i>Synedra ulna</i> v. <i>chaseana</i>	<i>Tetraedron minutum</i>
<i>Synedra ulna</i> v. <i>danica</i>	<i>Tetraedron pentaedricum</i>
<i>Tabellaria fenestrata</i>	<i>Tetraedron</i> sp.
<i>Tabellaria fenestrata</i> v.	<i>Tetraedron trigonum</i>
<i>intermedia</i>	<i>Tetrastrum staurogeniaeforme</i>
<i>Tabellaria flocculosa</i>	<i>Ulothrix</i> sp.

TABLE 6. Numbers of phytoplankton species or groups, numbers of individuals per milliliter, and diversity indices of the 1972 and 1973 station collections.

Station	Species or groups	Individ- uals/ml	Div. index	Station	Species or groups	Individ- uals/ml	Div. index
12 APRIL 1972				SDC-.5-1	23	1139	3.02
DC-1	26	930	3.36	SDC-7-4	24	2495	3.79
DC-2	38	964	3.34	Overall ave. diversity index			
DC-3	39	999	3.12	16 JULY 1972			
DC-4	43	794	3.15	DC-1	18	160	3.26
DC-5	37	717	3.24	DC-2	35	359	3.46
DC-6	20	132	2.78	DC-3	26	134	3.18
NDC.25-1	31	1770	3.77	DC-4	20	65	3.32
NDC-.5-0	34	4641	3.28	DC-5	21	219	2.96
NDC-.5-1	39	1057	3.49	DC-6	18	180	2.66
NDC-.5-2	29	1926	3.21	NDC-.5-0	23	1859	3.20
NDC-.5-3	53	2520	3.79	NDC-.5-2	25	174	3.78
NDC-1-0	36	1306	3.08	NDC-1-0	30	744	3.43
NDC-1-1	48	3922	3.78	NDC-1-1	39	459	3.53
NDC-1-3	46	2049	3.82	NDC-1-2	26	121	2.91
NDC-2-0	27	4040	3.15	NDC-20	19	699	2.75
NDC-2-2	36	3029	3.87	NDC-2-1	23	243	3.20
NDC-2-3	43	2044	3.68	NDC-2-3	20	56	3.31
NDC-2-4	34	855	3.88	NDC-4-0	13	46	2.67
NDC-4-0	33	4074	3.13	NDC-4-1	44	276	3.67
NDC-4-1	48	4597	3.89	NDC-4-3	20	308	2.38
NDC-4-2	53	8309	3.39	NDC-4-4	11	221	2.18
NDC-4-3	31	1581	3.50	NDC-7-1	7	47	2.16
NDC-4-4	35	584	3.34	NDC-7-3	32	855	2.79
NDC-7-1	47	3702	3.81	NDC-7-5	12	78	2.21
NDC-7-2	41	3690	3.97	SDC-.5-2	18	203	2.59
NDC-7-3	40	1166	3.81				
NDC-7-5	44	1530	3.36				

TABLE 6 continued.

Station	Species or groups	Individ- uals/ml	Div. index	Station	Species or groups	Individ- uals/ml	Div. index
16 JULY 1972 cont.				NDC-2-0	46	2185	3.29
SDC-1-0	25	1421	3.22	NDC-2-1	58	2703	2.62
SDC-1-1	25	369	3.40	NDC-2-3	54	1639	3.10
SDC-1-2	23	236	3.30	NDC-4-0	31	2126	2.51
SDC-2-0	22	380	3.22	NDC-4-1	65	7923	3.16
SDC-2-1	38	379	3.65	NDC-4-3	36	635	3.23
SDC-2-3	20	138	3.21	NDC-4-4	28	740	2.18
SDC-4-0	16	1234	2.64	NDC-7-1	66	7165	2.80
SDC-4-1	21	606	2.56	NDC-7-3	65	1366	2.84
SDC-4-3	17	104	3.29	NDC-7-5	30	342	2.87
SDC-4-4	12	360	2.88	SDC-.5-0	38	1918	3.24
SDC-7-2	12	221	2.71	SDC-.5-2	41	1183	2.84
SDC-7-3	11	143	2.82	SDC-1-0	42	4300	2.22
SDC-7-5	16	367	3.30	SDC-1-1	53	3363	2.65
Overall ave. diversity index			3.02	SDC-1-2	62	1423	3.09
15 OCTOBER 1972				SDC-2-0	28	1447	2.48
DC-2	41	2088	3.00	SDC-2-1	66	3335	3.04
DC-3	47	1036	3.10	SDC-2-3	43	1043	2.90
DC-4	41	1296	2.90	SDC-4-0	33	1677	3.21
DC-5	34	478	2.78	SDC-4-1	51	2013	2.58
DC-6	26	784	2.16	SDC-4-3	40	745	3.10
NDC-.5-0	41	3350	3.08	SDC-4-4	35	624	2.39
NDC.5-2	48	1932	2.92	SDC-7-1	62	1338	2.92
NDC-1-0	44	1662	3.32	SDC-7-3	69	1581	3.19
NDC-1-1	62	2280	2.65	SDC-7-5	38	1134	2.31
NDC-1-2	43	947	3.15	Overall ave. diversity index			2.85

TABLE 6 continued.

Station	Species or groups	Individ- uals/ml	Div. index	Station	Species or groups	Individ- uals/ml	Div. index
	25 APRIL 1973						
DC-2	42	1556	3.19	SDC-4-4	37	701	3.80
DC-3	53	1846	3.74	SDC-7-1	41	866	4.16
DC-4	34	1122	3.29	SDC-7-3	32	1591	3.37
DC-5	51	687	3.32	SDC-7-5	45	922	3.50
DC-6	54	1006	3.46	Overall ave. diversity index			3.63
NDC-.5-0	37	1497	3.69		19 JULY 1973		
NDC-.5-2	47	1261	3.66				
NDC-1-0	39	1611	3.83	DC-2	62	4626	3.40
NDC-1-1	29	647	3.15	DC-3	22	466	2.20
NDC-1-2	52	666	3.91	DC-4	24	635	3.06
NDC-2-0	37	1481	3.43	DC-5	16	106	2.64
NDC-2-1	47	1946	3.85	DC-6	32	697	2.83
NDC-2-3	47	3110	3.28	NDC-.5-2	55	3497	3.56
NDC-4-0	28	1060	3.20	NDC-1-0	60	1879	3.88
NDC-4-1	44	1625	3.80	NDC-1-1	56	6461	3.15
NDC-4-4	72	2539	3.95	NDC-1-2	46	2368	3.67
NDC-7-3	59	1471	3.92	NDC-2-0	66	3194	3.65
NDC-7-5	58	3081	3.88	NDC-2-1	46	3454	2.97
SDC-.5-0	41	860	4.45	NDC-2-3	17	540	2.91
SDC-.5-2	48	1094	3.74	NDC-4-0	47	1228	3.09
SDC-1-0	47	2958	3.88	NDC-4-1	27	371	3.82
SDC-1-1	37	1024	3.40	NDC-4-3	21	959	3.04
SDC-1-2	51	1618	3.61	NDC-4-4	28	600	2.31
SDC-2-0	33	930	3.48	NDC-7-1	75	5274	3.51
SDC-2-1	40	3219	3.62	NDC-7-3	23	561	2.72
SDC-2-3	46	1185	3.85	NDC-7-5	20	328	2.89
SDC-4-1	34	1521	3.36	SDC-.5-0	30	881	3.48
SDC-4-3	38	846	3.52	SDC-.5-2	50	4073	3.16

TABLE 6 continued.

Station	Species or groups	Individ- uals/ml	Div. index	Station	Species or groups	Individ- uals/ml	Div. index
19 JULY 1973 cont.				NDC-1-0	58	3327	2.88
SDC-1-0	34	844	3.91	NDC-1-1	42	2971	2.42
SDC-1-1	61	2767	3.59	NDC-1-2	51	3603	3.12
SDC-1-2	48	4131	3.28	NDC-2-0	44	1910	3.53
SDC-2-0	38	494	4.06	NDC-2-1	47	4046	2.95
SDC-2-1	36	2428	3.15	NDC-2-3	66	1567	3.16
SDC-2-3	56	4755	3.28	NDC-4-3	48	1054	3.71
SDC-4-1	43	2327	3.19	NDC-4-4	20	434	2.40
SDC-4-3	21	1276	2.02	NDC-7-1	38	3069	2.62
SDC-4-4	22	787	1.97	NDC-7-3	38	3487	2.59
SDC-7-1	56	3884	3.28	NDC-7-5	35	993	2.71
SDC-7-3	57	6694	3.09	SDC-.5-0	53	2478	3.08
SDC-7-5	26	175	2.85	SDC-.5-2	63	1447	4.18
Overall ave. diversity index			3.14	SDC-1-0	40	2049	2.73
23 OCTOBER 1973				SDC-1-2	48	1784	2.83
DC-2	49	1912	3.37	SDC-2-1	59	1961	3.53
DC-3	47	2436	2.92	SDC-2-3	37	2847	2.88
DC-4	57	587	3.98	SDC-4-0	44	4113	2.97
DC-5	50	692	3.25	SDC-4-1	40	1331	2.93
DC-6	40	468	3.89	SDC-4-4	30	598	3.47
NDC-.5-0	62	3006	3.21	SDC-7-1	48	2211	3.23
NDC-.5-2	51	2415	3.39	SDC-7-3	55	1350	3.19
				SDC-7-5	39	829	3.68
				Overall ave. diversity index			3.16

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APPENDIX A. PHYSICAL MEASUREMENTS

12 April 1972

<u>Station</u>	<u>DC-1</u>	<u>DC-2</u>	<u>DC-3</u>	<u>DC-4</u>	<u>DC-5</u>	<u>DC-6</u>
<u>Time, EST</u>	1023	1001	1540	1554	1612	1636
<u>Wind Direction</u>				E	E	E
<u>Wind Speed, knts</u>				18	16	13
<u>Sea Height, ft</u>				1	1	1
<u>Weather</u>				Overcast Hazy	Overcast	
<u>Secchi Disc, m</u>	1.2	1.9	2.5	2.2	2.1	4.3
<u>Water Color</u>	Turbid brownish green	Yellowish green	Brownish green (milky)	Brownish green (milky)	Milky brownish green	Slightly milky dark green
<u>Surface Water Temperature, °C</u>	3.9	3.0	3.1	2.9	2.7	1.9
<u>Water Depth, ft</u>	25	46	59	72	86	144
<u>Bottom Type</u>	Small lumps of lake clay (from dredging)	Fine silty sand	Silty pebbly coarse and medium speckled orange sand	Tan sandy silty clay over grey sand clay	Fine silty brown sand	Tan silty clay over grey-black silty clay

<u>Station</u>	<u>NDC-.25-1</u>	<u>NDC-.5-1</u>	<u>NDC-.5-2</u>	<u>NDC-.5-3</u>	<u>NDC-1-1</u>	<u>NDC-1-2</u>
<u>Time, EST</u>	0950	0940	0929	0822	0840	0837
<u>Wind Direction</u>	E		E	E		
<u>Wind Speed, knts</u>	23		18	18		
<u>Sea Height, ft</u>	0.75		1	1		
<u>Weather</u>	Overcast Cool		Overcast Cool	Overcast Cool		
<u>Secchi Disc, m</u>	1.9	1.5	1.6	2.5	1.5	2.2
<u>Water Color</u>	Yellowish green	Turbid brownish green	Turbid brownish green	Yellowish green	Turbid brownish green	Brownish green
<u>Surface Water Temperature, °C</u>	2.8	4.0	3.3	2.8	3.9	2.7
<u>Water Depth, ft</u>	46	20	32	56	17	43
<u>Bottom Type</u>	Fine silty sand	Fine brown sand with some medium sand	Fine silty sand with a few pebbles	Fine silty speckled sand	Coarse speckled silty sand with some fine and medium sand	Mixed fine medium and coarse silty speckled sand

APPENDIX A, 12 April 1972 continued.

<u>Station</u>	<u>NDC-1-3</u>	<u>NDC-2-1</u>	<u>NDC-2-2</u>	<u>NDC-2-3</u>	<u>NDC-2-4</u>	<u>NDC-4-1</u>
<u>Time, EST</u>	0806	0704	0729	0757	1737	0644
<u>Wind Direction</u>					ESE	E
<u>Wind Speed, knts</u>					17	15
<u>Sea Height, ft</u>					1	1
<u>Weather</u>					Overcast Barometer 29.46 in.	Partly cloudy
<u>Secchi Disc, m</u>	2.2	1.4	1.8	2.1	2.3	1.9
<u>Water Color</u>	Yellowish green	Brownish green	Slightly yellowish green	Slightly yellowish green	Milky brownish green	Brownish green
<u>Surface Water Temperature, °C</u>	2.5	4.0	3.4	2.7	2.4	3.5
<u>Water Depth, ft</u>	70	16	33	56	87	19
<u>Bottom Type</u>	Speckled silty medium sand	Clean coarse brown sand	Clean pebbly speckled fine sand	Fine brown silty sand with some pebbles	Tan sandy silty clay over silty gelatinous black clay	Clean speckled fine brown sand

<u>Station</u>	<u>NDC-4-2</u>	<u>NDC-4-3</u>	<u>NDC-4-4</u>	<u>NDC-7-1</u>	<u>NDC-7-2</u>	<u>NDC-7-3</u>
<u>Time, EST</u>	0709	1800	1707	1924	1915	1903
<u>Wind Direction</u>		E	E	E	E	E
<u>Wind Speed, knts</u>		19	14	10-18	21	19-21
<u>Sea Height, ft</u>		1	1		1	1
<u>Weather</u>		Overcast Rain Cooling	Overcast Barometer 29.80 and falling	Rain Lightning	Rain Lightning	Rain Lightning Barometer 29.45 in.
<u>Secchi Disc, m</u>	1.6	2.7	4.5			
<u>Water Color</u>	Turbid brown green	Milky brown green	Slightly milky dark green			
<u>Surface Water Temperature, °C</u>	3.3	2.6	1.9	6.0	5.8	3.3
<u>Water Depth, ft</u>	35	69	156	26	33	48
<u>Bottom Type</u>	Clean fine brown sand	Silty mixed fine, medium and coarse sand and pebbles	Tan silty clay over grey- black silty clay	Coarse pebbly sand	Pebbly medium sand	Silty speckled medium sand

APPENDIX A, 12 April 1972 continued.

<u>Station</u>	<u>NDC-7-4</u>	<u>NDC-7-5</u>	<u>SDC-.25-1</u>	<u>SDC-.5-1</u>	<u>SDC-.5-2</u>	<u>SDC-.5-3</u>	<u>SDC-1-1</u>
<u>Time, EST</u>	1849	1830	1011	1045	1035	1528	1058
<u>Wind Direction</u>	E	ESE			E	E	E
<u>Wind Speed, knts</u>	18	17			25	14	
<u>Sea Height, ft</u>	2	2			0.75	1	1
<u>Weather</u>	Raining hard	Rain				Overcast Drizzle	Partly cloudy
<u>Secchi Disc, m</u>			2.0	1.5	1.6	2.2	1.4
<u>Water Color</u>			Yellowish green	Turbid brownish green	Brownish green	Milky brownish green	Turbid brownish green
<u>Surface Water Temperature, °C</u>	2.7	2.5	3.1	3.9	3.3	3.2	3.9
<u>Water Depth, ft</u>	59	81	42	21	31	59	23
<u>Bottom Type</u>	Fine brown silty sand	Fine silty sand	Fine silty sand	Fine silty sand with leaves and twigs	Fine silty sand with pebbles	Silty speckled fine sand	Clean fine brown speckled sand

<u>Station</u>	<u>SDC-1-2</u>	<u>SDC-1-3</u>	<u>SDC-2-1</u>	<u>SDC-2-2</u>	<u>SDC-2-3</u>	<u>SDC-2-4</u>	<u>SDC-4-1</u>
<u>Time</u>	1109	1513	1145	1135	1123	1453	1238
<u>Wind Direction</u>		E				E	
<u>Wind Speed, knts</u>		19				18	
<u>Sea Height, ft</u>		1				1	1.5
<u>Weather</u>		Overcast Drizzle				Overcast Hazy	Hazy Sunny Warm Windy
<u>Secchi Disc, m</u>	1.5	2.1	1.0	1.7	1.8	2.2	1.5
<u>Water Color</u>	Brownish green	Milky brownish green	Turbid brownish green	Brownish green	Brownish green	Milky brownish green	Milky brownish green
<u>Surface Water Temperature, °C</u>	3.4	3.2	4.5	3.4	3.2	2.8	3.9
<u>Water Depth, ft</u>	46	71	17	32	56	81	18
<u>Bottom Type</u>	Silty fine sand with twigs, leaves and small lumps of clay	Silty fine brown-grey sand	Silty fine sand with small pebbles	Silty fine sand	Silty fine sand	Silty fine brown sand with grey sand silty inclusions	Slightly silty fine sand

APPENDIX A, 12 April 1972 continued.

<u>Station</u>	<u>SDC-4-2</u>	<u>SDC-4-3</u>	<u>SDC-4-4</u>	<u>SDC-7-1</u>	<u>SDC-7-2</u>	<u>SDC-7-3</u>	<u>SDC-7-4</u>	<u>SDC-7-5</u>
<u>Time, EST</u>	1230	1209	1423	1312	1302	1324	1337	1355
<u>Wind Direction</u>	SE	ESE	E	SE	E	ESE		E
<u>Wind Speed, knts</u>	20	16	12	12	16	17		19
<u>Sea Height, ft</u>	0.5	1	1		0.5			1
<u>Weather</u>	Hazy Sunny Windy	Hazy Breezy Sunny	Overcast Hazy		Overcast Warming		Overcast Warming	Overcast
<u>Secchi Disc, m</u>	1.7	1.7	3.2	1.6	1.8	2.0	2.0	2.5
<u>Water Color</u>	Milky brownish green	Turbid brownish green	Milky light green	Milky brownish green	Milky brownish green	Milky brownish green	Milky brownish green	Dark green
<u>Surface Water Temperature, °C</u>	3.9	2.8	2.2	4.2	4.1	3.3	2.9	2.5
<u>Water Depth, ft</u>	31	65	117	18	33	54	58	77
<u>Bottom Type</u>	Silty fine sand with pebbles	Silty fine sand with pebbles	1/2" brown slightly sandy clay over grey slightly sandy clay	Slightly silty fine brown sand	Silty fine sand with pebbles	Silty fine sand with some clay	Silty fine speckled brown sand	Tan sandy silt over dark grey sandy silt

16 July 1972

<u>Station</u>	<u>DC-1</u>	<u>DC-2</u>	<u>DC-3</u>	<u>DC-4</u>	<u>DC-5</u>	<u>DC-6</u>	<u>NDC-.5-2</u>	<u>NDC-1-1</u>
<u>Time, EST</u>	1147	1200	1233	1245	1701	1635	1139	1113
<u>Wind Direction</u>	SE	SE	WNW	WNW			SE	SE
<u>Wind Speed, knts</u>	5	5	5	5			5	5
<u>Sea Height, ft</u>			0.5	0.5	Calm	Calm		
<u>Weather</u>	Clear Hot	Clear Hot	Clear Hot	Clear Hot	Clear Hot	Clear Hot	Clear Hot	Clear Hot
<u>Secchi Disc, m</u>	2.2	4.2	5.0	7.7	8.0	9.8	4.6	4.0
<u>Water Color</u>	Milky light- grey green	Slightly milky brownish light green	Milky green	Clear green	Clear green	Clear green	Slightly milky and brownish light green	Slightly milky slightly brownish light green
<u>Surface Water Temperature, °C</u>	23.6	24.1	23.8	23.1	22.5	23.0	24.0	23.3
<u>Water Depth, ft</u>	16	42	58	69	108	138	29	16
<u>Bottom Type</u>								

Bottom types were not taken during this survey.

APPENDIX A, 16 July 1972 continued.

<u>Station</u>	<u>NDC-1-2</u>	<u>NDC-2-1</u>	<u>NDC-2-3</u>	<u>NDC-4-1</u>	<u>NDC-4-3</u>	<u>NDC-4-4</u>	<u>NDC-7-1</u>
<u>Time, EST</u>	1125	1058	1042	1000	1018	1736	1847
<u>Wind Direction</u>	SE						
<u>Wind Speed, knts</u>	5						
<u>Sea Height, ft</u>						Calm	Calm
<u>Weather</u>	Clear Hot	Clear Hot	Clear Hot	Clear Hot	Clear Hot	Clear Warm	Clear Cooling
<u>Secchi Disc, m</u>	4.4	3.8	5.0	3.9	6.5	9.0	3.8
<u>Water Color</u>	Slightly milky and brownish light green	Clear slightly brownish light green	Very slightly milky green	Clear light green	Clear green	Clear green	Slightly milky light green
<u>Surface Water Temperature, °C</u>	24.0	23.0	23.9		22.8	22.2	25.4
<u>Water Depth, ft</u>	41	19	54	17	58	150	22
<u>Bottom Type</u>							

Bottom types were not taken during this survey.

<u>Station</u>	<u>NDC-7-3</u>	<u>NDC-7-5</u>	<u>SDC-.5-2</u>	<u>SDC-1-1</u>	<u>SDC-1-2</u>	<u>SDC-2-1</u>	<u>SDC-2-3</u>
<u>Time, EST</u>	1834	1808	1304	1316	1326	1350	1338
<u>Wind Direction</u>			WNW	WNW	WNW	WNW	WNW
<u>Wind Speed, knts</u>			5	5	5	5	5
<u>Sea Height, ft</u>	Calm	Calm	0.5	0.5	0.5	0.5	0.5
<u>Weather</u>	Clear Cooling	Clear Warm	Clear Hot	Clear Hot	Clear Hot	Clear Hot	Clear Hot
<u>Secchi Disc, m</u>	3.7	9.0	3.8	3.8	4.1	3.6	4.1
<u>Water Color</u>	Slightly milky grey green	Clear green	Slightly milky brownish light green	Clear slightly brownish light green	Slightly milky and brownish light green	Clear brownish light green	Slightly milky light green
<u>Surface Water Temperature, °C</u>	24.9	22.5	24.3	24.3	23.6	24.3	24.5
<u>Water Depth, ft</u>	48	78	30	21	40	12	52
<u>Bottom Type</u>							

Bottom types were not taken during this survey.

APPENDIX A, 16 July 1972 continued.

<u>Station</u>	<u>SDC-4-1</u>	<u>SDC-4-3</u>	<u>SDC-4-4</u>	<u>SDC-7-1</u>	<u>SDC-7-3</u>	<u>SDC-7-5</u>
<u>Time, EST</u>	1407	1426	1602	1454	1505	1526
<u>Wind Direction</u>	WNW	WNW	NW	NW	NW	NW
<u>Wind Speed, knts</u>	5	5	0-5	5	5	5
<u>Sea Height, ft</u>	0.5	0.5	Calm	0.5	0.5	0.5
<u>Weather</u>	Clear Hot	Clear Hot	Clear Hot	Clear Hot	Clear Hot	Clear Hot
<u>Secchi Disc, m</u>	3.2	7.3	8.5	3.9	6.5	8.0
<u>Water Color</u>	Clear brownish light green	Clear green	Clear green	Clear slightly brownish light green	Clear green	Clear green
<u>Surface Water Temperature, °C</u>	24.6	23.5	23.2	24.5	24.0	23.3
<u>Water Depth, ft</u>	14	60	114	14	54	72
<u>Bottom Type</u>						

Bottom types were not taken during this survey.

15 October 1972

<u>Station</u>	<u>DC-1*</u>	<u>DC-2</u>	<u>DC-3</u>	<u>DC-4</u>	<u>DC-5</u>	<u>DC-6</u>	<u>NDC-.5-2</u>	<u>NDC-1-1</u>
<u>Time, EST</u>	--	1402	1411	1423	1811	1749	1354	1337
<u>Wind Direction</u>	--	WSW	WSW	WSW	WSW	SW	SW	SW
<u>Wind Speed, knts</u>	--	10	5-10	5	12	12-14	5	5
<u>Sea Height, ft</u>	--	2	2	2	2-3	2-3	2	3
<u>Weather</u>	--	Clear Cool	Clear Cool	Clear Cool	Overcast Cold	Overcast Cold	Clear Cool	Partly cloudy Cool
<u>Secchi Disc, m</u>	--	1.8	2.0	2.0			1.5	1.0
<u>Water color</u>	--	Light green	Light green	Green		Clear dark green	Slightly brownish light green	Slightly green light brown
<u>Surface Water Temperature, °C</u>	--	13.0	13.0	13.1	13.2	13.9		12.9
<u>Water Depth, ft</u>	--	42	57	66	84	135	30	12
<u>Bottom Type</u>								

Bottom types were not taken during this survey.

*Station not occupied; dredges on the position.

APPENDIX A, 15 October 1972 continued.

<u>Station</u>	<u>NDC-1-2</u>	<u>NDC-2-1</u>	<u>NDC-2-3</u>	<u>NDC-4-1</u>	<u>NDC-4-3</u>	<u>NDC-4-4</u>	<u>NDC-7-1</u>
<u>Time, EST</u>	1346	1326	1313	1232	1253	1847	2004
<u>Wind Direction</u>	SW	SW	WSW	W	SW	SW	SSW
<u>Wind Speed, knts</u>	5	5	5	10	10	10-12	20
<u>Sea Height, ft</u>	2-3	3	3	3	3	2-3	3-4
<u>Weather</u>	Clear Cool	Partly cloudy Cool	Partly cloudy Cool	Clear Cool	Partly cloudy Cool	Overcast Cold	Overcast Cold
<u>Secchi Disc, m</u>	1.5	1.2	2.0	1.0	2.0		
<u>Water Color</u>	Slightly brownish light green	Light brownish green	Slightly milky light green	Light brownish green	Very slightly milky light green		
<u>Surface Water Temperature, °C</u>	13.0	12.9	13.0	13.0	13.0	13.1	13.0
<u>Water Depth, ft</u>	42	12	48	15	56	144	20
<u>Bottom Type</u>							

Bottom types were not taken during this survey.

<u>Station</u>	<u>NDC-7-3</u>	<u>NDC-7-5</u>	<u>SDC-.5-2</u>	<u>SDC-1-1</u>	<u>SDC-1-2</u>	<u>SDC-2-1</u>	<u>SDC-2-3</u>
<u>Time, EST</u>	1951	1929	1439	1447	1456	1522	1506
<u>Wind Direction</u>	SSW	SW	WSW	WSW	WSW	WSW	W
<u>Wind Speed, knts</u>	28	20	10	10	10	8	10
<u>Sea Height, ft</u>	2-3	2-3	2	2	2	2	2
<u>Weather</u>	Heavy overcast Cold	Overcast Cold	Clear Cool	Cool	Cloudless Cool Becoming hazy	Overcast Cool	Hazy Cool Becoming overcast
<u>Secchi Disc, m</u>			1.7	1.2	1.7	1.2	2.0
<u>Water Color</u>			Slightly brownish light green	Slightly brownish light green	Light green	Slightly brownish light green	Green
<u>Surface Water Temperature, °C</u>	13.0	13.0	13.0	12.9	13.0	12.9	13.0
<u>Water Depth, ft</u>	48	72	30	16	45	16	54
<u>Bottom Type</u>							

Bottom types were not taken during this survey.

APPENDIX A, 15 October 1972 continued.

<u>Station</u>	<u>SDC-4-1</u>	<u>SDC-4-3</u>	<u>SDC-4-4</u>	<u>SDC-7-1</u>	<u>SDC-7-3</u>	<u>SDC-7-5</u>
<u>Time, EST</u>	1535	1551	1720	1614	1625	1648
<u>Wind Direction</u>		WSW	WSW	WSW	WSW	WSW
<u>Wind Speed, knts</u>		17	12-14	18	14	16
<u>Sea Height, ft</u>	1-2	2	3	2	2	2-3
<u>Weather</u>	Overcast Cool	Overcast Cold	Overcast Cold	Overcast Cold	Overcast Cold	Overcast Cold
<u>Secchi Disc, m</u>	1.5	2.0	4.0	1.2	1.2	3.0
<u>Water Color</u>	Slightly brownish light green	Dark green	Clear dark green	Slightly brownish light green	Slightly brownish light green	Clear dark green
<u>Surface Water Temperature, °C</u>	13.0	13.5	14.0		13.0	14.0
<u>Water Depth, ft</u>	14	60	108	12	51	69
<u>Bottom Type</u>						

Bottom types were not taken during this survey.

25 April 1973

<u>Station</u>	<u>DC-2</u>	<u>DC-3</u>	<u>DC-4</u>	<u>DC-5</u>	<u>DC-6</u>	<u>NDC-.5-2</u>	<u>NDC-1-1</u>	<u>NDC-1-2</u>
<u>Time, EST</u>	1015	1024	1037	1602	1533	1002	0937	0948
<u>Wind Direction</u>								
<u>Wind Speed, knts</u>								
<u>Sea Height, ft</u>								
<u>Weather</u>								
<u>Secchi Disc, m</u>	1.3	1.3	1.6	2.6	2.0		1.3	1.3
<u>Water Color</u>	Light green	Light green	Light green	Light green	Light green		Light green	Light green
<u>Surface Water Temperature, °C</u>	8.9	9.0	8.8	8.0	6.7	9.8	10.0	10.0
<u>Water Depth, ft</u>	44	59	70	76	122	31	25	44
<u>Bottom Type</u>								

Bottom types were not taken during this survey.

General meteorological notes: Beautiful day. Air temperature in sun ca. 28 C; in shade ca. 16 C. Wind and sea were low in the morning but in afternoon wind picked up to 22 mph from the north and seas were rough most of the afternoon.

APPENDIX A, 25 April 1973 continued.

<u>Station</u>	<u>NDC-2-1</u>	<u>NDC-2-3</u>	<u>NDC-4-1</u>	<u>NDC-4-3</u>	<u>NDC-4-4</u>	<u>NDC-7-1</u>	<u>NDC-7-3</u>
<u>Time, EST</u>	0923	0907	0821	0845	1643	1808	1753
<u>Wind Direction</u>							
<u>Wind Speed, knts</u>							
<u>Sea Height, ft</u>							
<u>Weather</u>							
<u>Secchi Disc, m</u>	1.3	1.6	1.6	1.6	2.0	1.3	1.6
<u>Water Color</u>	Light green	Light green	Light green	Light green	Light green	Light green	Light green
<u>Surface Water Temperature, °C</u>	9.5	9.0			8.0	8.0	7.5
<u>Water Depth, ft</u>	13	56	19	60	138	22	44
<u>Bottom Type</u>							

Bottom types were not taken during this survey.

<u>Station</u>	<u>NDC-7-5</u>	<u>SDC-.5-2</u>	<u>SDC-1-1</u>	<u>SDC-1-2</u>	<u>SDC-2-1</u>	<u>SDC-2-3</u>	<u>SDC-4-1</u>
<u>Time, EST</u>	1725	1058	1109	1120	1150	1132	1212
<u>Wind Direction</u>							
<u>Wind Speed, knts</u>							
<u>Sea Height, ft</u>							
<u>Weather</u>	Overcast						
<u>Secchi Disc, m</u>	1.6	1.3	2.0	1.6	1.6	2.0	2.0
<u>Water Color</u>	Light green	Light green	Light green	Light green	Light green	Light green	Light green
<u>Surface Water Temperature, °C</u>	6.9	9.0	8.3	9.0	9.1	9.1	8.5
<u>Water Depth, ft</u>	72	29	26	45	16	55	17
<u>Bottom Type</u>							

Bottom types were not taken during this survey.

APPENDIX A, 25 April 1973 continued.

<u>Station</u>	<u>SDC-4-3</u>	<u>SDC-4-4</u>	<u>SDC-7-1</u>	<u>SDC-7-3</u>	<u>SDC-7-5</u>
<u>Time, EST</u>	1310	1453	1335	1350	1318
<u>Wind Direction</u>					
<u>Wind Speed, knts</u>					
<u>Sea Height, ft</u>					
<u>Weather</u>					
<u>Secchi Disc, m</u>	2.0	2.0	2.0	2.0	8.0
<u>Water Color</u>	Light green	Light green	Light green	Light green	Light green
<u>Surface Water Temperature, °C</u>	9.1	6.5	8.1	9.0	8.0
<u>Water Depth, ft</u>	62	105	19	54	70
<u>Bottom Type</u>					

Bottom types were not taken during this survey.

19 July 1973

<u>Station</u>	<u>DC-2</u>	<u>DC-3</u>	<u>DC-4</u>	<u>DC-5</u>	<u>DC-6</u>	<u>NDC-.5-2</u>	<u>NDC-1-1</u>	<u>NDC-1-2</u>
<u>Time, EST</u>	1056	1111	1131	1707	1637	1047	1013	1025
<u>Wind Direction</u>				Calm	Calm			SSW
<u>Wind Speed, knts</u>								5
<u>Sea Height, ft</u>	Flat			0.25 (swell)	0.5 (swell)			0.5
<u>Weather</u>	Overcast Warm			Hazy Hot	Hazy		Overcast	Overcast
<u>Secchi Disc, m</u>	2.0	6.0	6.5	6.7	6.5	1.8	2.0	5.0
<u>Water Color</u>	Brownish	Grey-green	Grey-green	Grey-green	Grey-green	Brownish	Green	Blue-green
<u>Surface Water Temperature, °C</u>	23.1	23.0	23.5	23.3	24.0	22.8	22.0	22.0
<u>Water Depth, ft</u>	41	55	62	74	118	37	20	37
<u>Bottom Type</u>								

Bottom types were not taken during this survey.

APPENDIX A, 19 July 1973 continued.

<u>Station</u>	<u>NDC-2-1</u>	<u>NDC-2-3</u>	<u>NDC-4-1</u>	<u>NDC-4-3</u>	<u>NDC-4-4</u>	<u>NDC-7-1</u>	<u>NDC-7-3</u>
<u>Time, EST</u>	1000	0944	0857	0921	1747	1914	1858
<u>Wind Direction</u>	S	S	S-SSW	S	Calm	Calm	Calm
<u>Wind Speed, knts</u>		5	8				
<u>Sea Height, ft</u>	0.5	0.5	0.5-1	0.5	0.25 (swell)	0.25 (swell)	0.5 (swell)
<u>Weather</u>	Overcast	Overcast					
<u>Secchi Disc, m</u>	2.5	8.5	3.5	9.5	7.8	1.8	5.9
<u>Water Color</u>	Brown- green		Murky green	Blue- green	Grey- green	Yellow- brown	Yellow- green
<u>Surface Water Temperature, °C</u>	21.8	22.0	21.5	21.5	23.5	23.0	22.7
<u>Water Depth, ft</u>	16	49	40	55	135	22	43
<u>Bottom Type</u>							

Bottom types were not taken during this survey.

<u>Station</u>	<u>NDC-7-5</u>	<u>SDC-.5-2</u>	<u>SDC-1-1</u>	<u>SDC-1-2</u>	<u>SDC-2-1</u>	<u>SDC-2-3</u>	<u>SDC-4-1</u>
<u>Time, EST</u>	1828	1156	1214	1229	1310	1251	1336
<u>Wind Direction</u>	Calm			Calm	Calm	Calm	Calm
<u>Wind Speed, knts</u>							
<u>Sea Height, ft</u>	0.5 (swell)		Flat				
<u>Weather</u>	Hazy Hot			Overcast Hot		Overcast Hot	Overcast Hot
<u>Secchi Disc, m</u>	6.5	2.0	2.5	1.8	1.8	2.7	2.8
<u>Water Color</u>	Grey- green	Brownish green	Brownish	Green- brown	Green- brown	Green- brown	Yellow- green
<u>Surface Water Temperature, °C</u>	23.0	24.0	23.5	23.2	25.0	24.6	24.0
<u>Water Depth, ft</u>	71	27	22	39	16	47	16
<u>Bottom Type</u>							

Bottom types were not taken during this survey.

APPENDIX A, 19 July 1973 continued.

<u>Station</u>	<u>SDC-4-3</u>	<u>SDC-4-4</u>	<u>SDC-7-1</u>	<u>SDC-7-3</u>	<u>SDC-7-5</u>
<u>Time, EST</u>	1357	1600	1427	1441	1528
<u>Wind Direction</u>	Calm	Calm	Calm		Calm
<u>Wind Speed, knts</u>					
<u>Sea Height, ft</u>					
<u>Weather</u>	Hazy Hot				Hazy Hot
<u>Secchi Disc, m</u>	6.5	5.5	2.1	2.6	5.9
<u>Water Color</u>	Grey- green	Grey- green	Yellow- green	Yellow- green	Grey- green
<u>Surface Water Temperature, °C</u>	23.2	23.5	23.0	23.0	23.0
<u>Water Depth, ft</u>	56	97	19	47	65
<u>Bottom Type</u>					

Bottom types were not taken during this survey.

23 October 1973

<u>Station</u>	<u>DC-2</u>	<u>DC-3</u>	<u>DC-4</u>	<u>DC-5</u>	<u>DC-6</u>	<u>NDC-.5-2</u>	<u>NDC-1-1</u>
<u>Time, EST</u>	1033	1107	1124	1654	1624	1004	0909
<u>Wind Direction</u>	S	S	S	Calm	Calm	S	SE
<u>Wind Speed, knts</u>	3	6	4			5	6
<u>Sea Height, ft</u>							0.3
<u>Weather</u>	Cloudless Hazy	Cloudless Hazy	Cloudless Hazy		Cloudless Hazy	Cloudless Hazy	Cloudless Hazy Cool
<u>Secchi Disc, m</u>	2.2	1.8	2.7	3.4	5.5	2.0	2.0
<u>Water Color</u>	Milky green	Milky green	Milky light green	Slightly milky light green	Clear blue- green	Milky green	Milky green
<u>Surface Water Temperature, °C</u>	15.5	15.1	15.0	14.9	15.8	14.8	14.9
<u>Water Depth</u>	41	53	72	84	135	28	19
<u>Bottom Type</u>	Slightly silty fine brown speckled sand					Slightly silty fine brown speckled sand	

APPENDIX A, 23 October 1973 continued.

<u>Station</u>	<u>NDC-1-2</u>	<u>NDC-2-1</u>	<u>NDC-2-3</u>	<u>NDC-4-1</u>	<u>NDC-4-3</u>	<u>NDC-4-4</u>	<u>NDC-7-1</u>
<u>Time, EST</u>	0923	0851	0831	0740	0807	1735	1901
<u>Wind Direction</u>	SE	SE	SE	SE	SE	Calm	Calm
<u>Wind Speed, knts</u>	8	6	8	4			
<u>Sea Height, ft</u>	0.3	0.5	0.5	0.3	0.5		
<u>Weather</u>	Cloudless Hazy Cool	Cloudless Hazy	Cloudless Hazy	Cloudless Some haze	Cloudless Hazy	High clouds Hazy	
<u>Secchi Disc, m</u>	2.0	1.9	2.8	2.0	3.0		
<u>Water Color</u>	Milky green	Milky green	Slightly milky green	Milky green	Slightly milky green		
<u>Surface Water Temperature, °C</u>	14.5	15.3	15.1	15.0	15.2	15.1	15.3
<u>Water Depth, ft</u>	39	18	47	19	52	144	24
<u>Bottom Type</u>	Fine to medium brown sand						

<u>Station</u>	<u>NDC-7-3</u>	<u>NDC-7-5</u>	<u>SDC-.5-2</u>	<u>SDC-1-1</u>	<u>SDC-1-2</u>	<u>SDC-2-1</u>	<u>SDC-2-3</u>
<u>Time, EST</u>	1844	1817	1201	1242	1256	1335	1317
<u>Wind Direction</u>	Calm	Calm	Calm	Calm	Calm	Calm	Calm
<u>Wind Speed, knts</u>							
<u>Sea Height, ft</u>			0.3				
<u>Weather</u>	High clouds	High clouds Haze	Cloudless Hazy	Clear	Cloudless Hazy	Cloudless Hazy	Cloudless Hazy
<u>Secchi Disc, m</u>			2.5	1.8	2.8	1.9	2.8
<u>Water Color</u>			Milky green	Milky light green	Milky green	Milky green	Milky green
<u>Surface Water Temperature, °C</u>		15.2	14.8	15.1	15.4	16.0	15.7
<u>Water Depth, ft</u>	54	78	28	21	38	16	48
<u>Bottom Type</u>			Slightly silty fine speckled sand		Slightly silty fine brown sand with small pebbles		

APPENDIX A, 23 October 1973 continued.

<u>Station</u>	<u>SDC-4-1</u>	<u>SDC-4-3</u>	<u>SDC-4-4</u>	<u>SDC-7-1</u>	<u>SDC-7-3</u>	<u>SDC-7-5</u>
<u>Time, EST</u>	1354	1414	1549	1441	1455	1520
<u>Wind Direction</u>	Calm	Calm	Calm	Calm	Calm	Calm
<u>Wind Speed, knts</u>						
<u>Sea Height, ft</u>						
<u>Weather</u>	Cloudless Some haze	Cloudless Some haze	Cloudless Some haze	Cloudless Some haze	Cloudless Some haze	Cloudless Some haze
<u>Secchi Disc, m</u>	1.8	3.3	5.9	2.2	3.2	3.2
<u>Water Color</u>	Milky green	Milky green	Very slightly milky green	Milky green	Moderately milky green	Slightly milky green
<u>Surface Water Temperature, °C</u>	15.7	16.1	15.2	17.1	15.3	15.2
<u>Water Depth, ft</u>	16	66	90	18	47	72
<u>Bottom Type</u>						

APPENDIX B. PHYTOPLANKTON COLLECTIONS, 1972 AND 1973

Dates of collections:	Pages
12 April 1972	54- 67
16 July 1972	68- 78
15 October 1972	79-100
25 April 1973	101-117
19 July 1973	118-134
23 October 1973	135-153

Identification of Plant Components

Top line (left to right): Station number, number of species or groups, total number of individuals per milliliter, and the diversity index of the collection.

Columns (left to right):

First	Names of species or groups collected.
Second	Numbers of individuals of each species or group, per milliliter.
Third	Percentages of the total individuals that are represented by the individuals of each species or group. These are the N_i/N factors used in the diversity index equation.

12 APRIL 1972

NO. OF FORMS = 38 DIVERSITY = 3.34

DC-2

	CELLS/ML	PERCENT
ACTINASTRUM HANTZSCHII V. FLUVIATILE	0.5	0.05
AMPHIPORA ORNATA	0.5	0.05
ANKISTRODESMUS FALCATUS V. MIRABILIS	5.1	0.53
ANKISTRODESMUS GELIFACIUS	0.9	0.10
ANKISTRODESMUS SP.	5.6	0.58
APHANOTHECE SP.	0.5	0.05
BLUF-GREEN UNKNOWN FILAMENT	4.2	0.43
CHLAMYDOMONAS SP.	115.5	11.99
CLCSTERIUM SP.	4.2	0.43
CORLASTRUM SP.	0.5	0.05
CRYPTOMONAS SP.	28.3	2.94
CYMATOULEURA SCLEA	0.5	0.05
DIATOMA TENUE V. ELONGATUM	17.6	1.83
DIATOMA TENUE V. ELONGATUM	0.5	0.05
DINOBRYON DIVERGENS	12.5	1.30
FLAGELLATES	2.3	0.24
FRAGILARIA CROTONENSIS	21.3	2.21
FRAGILARIA INTERMEDIA	28.3	2.94
FRAGILARIA SP.	2.3	0.24
GLENODINIUM SP.	18.6	1.93
GLOFOCYSTIS SP.	133.2	13.92
HELCSIFA GRANULATA	0.9	0.10
HELCSIFA ISLANDICA	34.3	3.56
HELCSIFA SP.	10.7	1.11
NITZSCIA SP.	3.2	0.34
OCHROMONAS SP.	65.9	6.84
OEDOGONIUM SP.	2.3	0.24
OOCYSTIS SP.	0.5	0.05
OSCILLATORIA SP.	0.9	0.10
PERIDINIUM SP.	1.4	0.14
RHIZOSCLENIA GRACILIS	48.7	5.06
SCENEDESMUS QUADRICAUDA	0.5	0.05
SCENEDESMUS SP.	15.8	1.64
STEPHANODISCUS SP.	28.3	2.94
SUPIRELLA ANGUSTA	0.9	0.10
SYNEDRA SP.	1.4	0.14
SYNEDRA ULNA	0.5	0.05
TABELLARIA FENESTRATA	344.8	35.77

TOTAL 963.7 100.0

DC-1 NO. OF FORMS = 26 DIVERSITY = 3.36

	CELLS/ML	PERCENT
ACTINASTRUM HANTZSCHII V. FLUVIATILE	2.3	0.25
ANKISTRODESMUS SP.	7.0	0.75
ASIERICNELLA FORMOSA	2.3	0.25
CHLAMYDOMONAS SP.	71.9	7.73
CLCSTERIOPSIS LONGISSIMA	2.4	0.26
COSMARIUM SP.	4.6	0.50
CRYPTOMONAS SP.	44.1	4.74
DIATOMA TENUE V. ELONGATUM	48.7	5.24
DINOBRYON DIVERGENS	18.6	1.99
DINOBRYON SP.	13.9	1.50
FLAGELLATES	13.9	1.50
FRAGILARIA CROTONENSIS	9.3	1.00
FRAGILARIA INTERMEDIA	2.3	0.25
FRAGILARIA SP.	7.0	0.75
GLENODINIUM SP.	16.2	1.75
GLOFOCYSTIS SP.	132.2	14.21
HELCSIFA ISLANDICA	7.0	0.75
HELCSIFA SP.	27.8	2.99
OCHROMONAS SP.	118.3	12.72
OEDOGONIUM SP.	2.3	0.25
OOCYSTIS SP.	2.3	0.25
PERIDINIUM SP.	4.6	0.50
RHIZOSCLENIA GRACILIS	25.5	2.74
SCENEDESMUS SP.	7.0	0.75
STEPHANODISCUS SP.	30.1	3.24
TABELLARIA FENESTRATA	308.4	33.16
TOTAL	930.0	100.0

DC-3	NO. OF FORMS = 39	DIVERSITY = 3.12	DC-4	NO. OF FORMS = 43	DIVERSITY = 3.15
		CELLS/ML PERCENT			CELLS/ML PERCENT
ACTINASTRUM HANTZSCHII V. FLUVIATILE			ANKISTRODESMUS FALCATUS V. MIRABILIS		
ANKISTRODESMUS FALCATUS V. MIRABILIS	1.9	0.19	ANKISTRODESMUS GELIFACTUS	3.7	0.47
ANKISTRODESMUS GELIFACTUS	7.0	0.70	ANKISTRODESMUS SP.	1.9	0.23
ASTERICNELLA FORMOSA	0.5	0.05	AFHANOTHECT SP.	2.8	0.35
BLUE-GREEN UNKNOWN COLONY	1.4	0.14	ASTERICNELLA FORMOSA	0.5	0.06
BLUE-GREEN UNKNOWN FILAMENT	0.9	0.09	BLUE-GREEN UNKNOWN FILAMENT	2.3	0.29
CHIAMYDOMCNAS SP.	3.2	0.33	CHLAMYDOMONAS SP.	3.2	0.41
CHROOCOCCUS SP.	178.2	17.84	CHLAMYDOMONAS SP.	163.8	20.62
CLCSTERIUM SP.	0.5	0.05	CLCSTERIUM ACICULARE	0.9	0.12
CLCSTERIUM SP.	1.9	0.19	CLCSTERIUM SP.	2.8	0.35
COELASTRUM SP.	1.9	0.19	COELASTRUM SP.	0.9	0.12
COELOSTHAERIUM SP.	0.5	0.05	COSMARIUM SP.	0.9	0.12
COSMARIUM SP.	0.5	0.05	CRYEATOMONAS SP.	20.9	2.63
CRYPTOCOMONAS SP.	21.3	2.14	CYCLOTELLA SP.	3.2	0.41
CYCLOTELLA SP.	1.9	0.19	CYMATOIDEURA SOLEA	0.9	0.12
DIATOMA TENUE V. ELONGATUM	15.8	1.58	DIATOMA TENUE V. ELONGATUM	22.3	2.80
DINOBRYON DIVERGENS	11.6	1.16	DINOBRYON DIVERGENS	4.6	0.58
DINOBRYON SP.	1.4	0.14	DINOBRYON SP.	8.4	1.05
DINOFAGELLATES	0.9	0.09	FLAGELLATES	1.4	0.18
FLAGELLATES	1.9	0.19	FRAGILARIA CROTONELENSIS	12.1	1.52
FRAGILARIA CAPUCINA	2.8	0.28	FRAGILARIA INTERMEDIA	9.7	1.23
FRAGILARIA CROTONELENSIS	23.2	2.32	FRAGILARIA SP.	5.6	0.70
FRAGILARIA INTERMEDIA	16.2	1.63	GLENODINIUM SP.	20.9	2.63
FRAGILARIA SP.	5.6	0.56	GLCEOCYSTIS SP.	58.5	7.36
GLENODINIUM SP.	15.3	1.53	GREEN FILAMENT, UNKNOWN	0.5	0.06
GLCEOCYSTIS SP.	116.0	11.62	MELOSIFA ISLANDICA	17.2	2.16
MELOSIFA ISLANDICA	34.8	3.49	MELOSIFA SP.	1.9	0.23
MELOSIFA SP.	9.7	0.98	NAVICULA SP.	0.5	0.06
NAVICULA SP.	0.5	0.05	NAVICULA SP.	0.9	0.12
OCHROMCNAS SP.	23.2	2.32	NITZSCHIA ACICULARIS	1.4	0.18
OEOLOGNIUM SP.	1.9	0.19	NITZSCHIA SP.	13.5	1.69
OOCYSTIS SP.	0.9	0.09	OCHROMCNAS SP.	4.2	0.53
OSCILLATORIA SP.	0.5	0.05	OEOLOGNIUM SP.	0.5	0.06
PERIDIUM SP.	1.9	0.19	OOCYSTIS SP.	1.4	0.18
RHIZOSCIENIA GRACILIS	40.4	4.04	OSCILLATORIA SP.	0.5	0.06
SCENEDESMUS SP.	20.4	2.04	PEDIATRUM SIMPLEX	0.5	0.06
STEPHANODISCUS SP.	32.0	3.21	PERIDIUM SP.	2.3	0.29
STEPHANODISCUS TRANSILVANICUS	0.5	0.05	RHIZOSCIENIA GRACILIS	35.3	4.44
SYNEDRA ULNA	0.9	0.09	SCENEDESMUS QUADRICAUDA	0.5	0.06
TABELLARIA FENESTRATA	399.0	39.96	SCENEDESMUS SP.	13.5	1.69
			STEPHANODISCUS SP.	22.3	2.80
			STEPHANODISCUS TRANSILVANICUS	0.5	0.06
			SYNEDRA SP.	0.9	0.12
			SYNEDRA ULNA	1.4	0.18
			TABELLARIA FENESTRATA	323.4	40.71
TOTAL	998.5	100.0	TOTAL	794.4	100.0

DC-5	NC. OF FORMS = 37	DIVERSITY = 3.24	DC-6	NC. OF FORMS = 20	DIVERSITY = 2.78
ANKISTODESMUS FALCATUS V. MIRABILIS			ANKISTODESMUS FALCATUS V. MIRABILIS		
ANKISTODESMUS FALCATUS	1.4	0.19	ANKISTODESMUS SP.	2.8	2.11
ANKISTODESMUS GELIFACIUS	0.5	0.06	CHLAMYDOMONAS SP.	0.5	0.35
ANKISTODESMUS SP.	0.5	0.06	CRYPTOMONAS SP.	57.1	43.31
ASTERIONELLA FORMOSA	4.2	0.58	FRAGILARIA SP.	0.5	0.35
BLUE-GREEN UNKNOWN FILAMENT	2.3	0.32	GLENODINIUM SP.	7.4	5.63
CHLAMYDOMONAS SP.	0.5	0.06	MCUGHOTIA SP.	4.6	3.52
COCCONEIS SP.	116.5	16.24	OEDOGONIUM SP.	0.9	0.70
COLLASTRUM SP.	0.5	0.06	OOCYSTIS SP.	0.5	0.35
COSMARIUM SP.	0.9	0.13	RHIZOSOLENIA GRACILIS	14.4	10.92
CRYPTOMONAS SP.	0.5	0.06	SCENEDESMUS SP.	0.5	0.35
CYCLOTILLA SP.	18.6	2.59	STEPHANODISCUS SP.	21.8	16.55
DIATOMA TENUE V. ELONGATUM	6.0	0.84	SURIRELLA ANGUSTA	0.5	0.35
DINCBRYON DIVERGENS	7.9	1.10	SYNEDRA SP.	0.9	0.70
FLAGELLATES	3.2	0.45	TABELLARIA FENESTRATA	0.5	0.35
FRAGILARIA CAFUCINA	0.9	0.13		9.7	7.39
FRAGILARIA CROTONENSIS	1.9	0.26			
FRAGILARIA INTERMEDIA	10.7	1.49			
FRAGILARIA SP.	24.1	3.36			
GLENODINIUM SP.	4.6	0.65			
GLENODINIUM SP.	12.5	1.75			
GLCEOCYSTIS SP.	55.7	7.76			
GREEN COLONY, UNKNOWN	0.5	0.06			
GREEN FILAMENT, UNKNOWN	0.9	0.13			
MEIOSIRA ISLANDICA	24.1	3.36			
MEIOSIRA SP.	4.2	0.58			
NITZSCHIA SP.	1.9	0.26			
OCHROMCNAS SP.	36.2	5.05			
OEDOGONIUM SP.	0.9	0.13			
OSCILLATORIA SP.	0.5	0.06			
PERIDINIUM SP.	0.9	0.13			
RHIZOSOLENIA GRACILIS	25.1	3.49			
SCENEDESMUS SP.	14.4	2.01			
STEPHANODISCUS SP.	54.3	7.57			
STEPHANODISCUS TRANSILVANICUS	0.5	0.06			
SURIRELLA ANGUSTA	0.5	0.06			
SYNEDRA SP.	4.2	0.58			
TABELLARIA FENESTRATA	274.7	38.29			
TOTAL	717.3	100.0	TOTAL	131.8	100.0

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NUC. 5-3	NO. OF FORMS = 53	DIVERSITY = 3.79	NO. OF FORMS = 36	DIVERSITY = 3.08	
CELLS/ML	PERCENT	CELLS/ML	PERCENT	CELLS/ML	PERCENT
AMEPHIALURA PELLUCIDA	0.5	0.02	ANKISTODESMUS ST.	11.1	0.85
ANKISTODESMUS FALCATUS V. MIRABILIS	13.5	0.53	ASTELICNELLIA FOENICSA	19.5	1.49
ANKISTODESMUS GELIFACTUS	0.5	0.02	CHLAMYDOMONAS SP.	45.0	3.45
ANKISTODESMUS SP.	1.4	0.06	CRYPTOMONAS SP.	30.2	2.31
ASTERICHNELLIA FOENICSA	83.1	3.30	CYCLOTELLA COEILATA	17.6	1.35
BLUE-GREEN UNKNOWN FILAMENT	13.9	0.55	CYCLOTELLA SP.	432.0	33.08
CHLAMYDOMONAS SP.	397.6	15.78	CYATOTELLURA SP.	0.5	0.04
CLCSTETIOPSIS LONGISSIMA	0.5	0.02	DIATOMA VULGARF	0.9	0.07
COLASTHEUM SP.	5.6	0.22	DINORRYON CYSTIS	19.0	1.46
COSMARION SP.	1.4	0.06	DINORRYON SP.	5.6	0.43
CRYPTOCYNAS SP.	55.7	2.21	FLAGELLATES	0.5	0.04
CYCLOTELLA SP.	71.5	2.84	FRAGILARIA CROTONENSIS	18.1	1.39
CYATOTELLURA SCLEA	0.9	0.04	FRAGILARIA INTERMEDIA	2.3	0.18
DIATOMA TENUE V. ELONGATUM	4.2	0.17	FRAGILARIA INTERMEDIA V. FALLAX	11.6	0.89
DIATOMA VULGARF	0.5	0.02	GIEHODTRIUM SP.	20.9	1.60
DINORRYON DIVERGENS	32.0	1.27	GLCFOCYSTIS SP.	97.9	7.50
DINACFLAGELLATES	0.9	0.04	GOMPHOCYSTIS SP.	0.5	0.04
FLAGELLATES	16.7	0.66	GREEN FILAMENT, UNKNOWN	0.9	0.07
FRAGILARIA CAPUCINA	13.9	0.55	MELOSIFA ISLANDICA	2.3	0.18
FRAGILARIA CROTONENSIS	209.7	8.32	MELOSIFA ITALICA	0.5	0.04
FRAGILARIA INTERMEDIA V. FALLAX	92.8	3.68	MELCIFA SP.	11.6	0.89
FRAGILARIA PINNATA	4.6	0.18	NAVICULA DECUSSIS	0.5	0.04
FRAGILARIA SP.	1.9	0.07	NAVICULA GRACILIS	72.8	5.58
GIEHODTRIUM SP.	9.3	0.37	PHIZOSCLENIA SP.	2.8	0.21
GLCFOCYSTIS SP.	201.8	8.01	PHIZOSCLENIA SP.	11.1	0.85
GOMPHOCYSTIS SP.	0.5	0.02	SCENEDESMUS SP.	11.6	0.89
GOMPHOSPHAERIA SP.	0.5	0.02	STEPHANODISCUS SP.	349.9	26.79
MELOSIFA ISLANDICA	187.5	7.44	STEPHANODISCUS TRANSILVANICUS	3.7	0.28
MELOSIFA ITALICA	54.8	2.17	SYNEDRA SP.	6.0	0.46
MONGOTIA SP.	0.9	0.04	SYNEDRA ULEA	1.9	0.14
NAVICULA SP.	1.4	0.06	TABELLARIA FENESTRATA	94.4	7.23
NITZSCHIA ACICULARIS	7.0	0.28			
NITZSCHIA SP.	2.8	0.11			
NITZSCHIA SP. #2	2.3	0.09			
OCHROCNAS SP.	33.4	1.33			
OOCYSTIS SP.	0.5	0.02			
OSCILLATORIA SP.	3.2	0.13			
PELLASTRUM DORTYUM	0.5	0.02			
PERIDINIUM SP.	0.9	0.04			
PHACUS SP.	0.5	0.02			
PHIZOSCLENIA ERIENSIS	0.5	0.02			
PHIZOSCLENIA GRACILIS	83.5	3.31			
SCENEDESMUS QUADRICAUDA	0.5	0.02			
SCENEDESMUS SP.	57.1	2.26			
STEPHANODISCUS EINDERANUS	10.2	0.41			
STEPHANODISCUS SP.	182.4	7.24			
STEPHANODISCUS TRANSILVANICUS	4.2	0.17			
SYNEURA DELICATISSIMA	1.9	0.07			
SYNEURA FILIFERIS	14.4	0.57			
SYNEURA OSTENFELDII	5.1	0.20			
SYNEURA SP.	11.6	0.46			
SYNEURA ULEA	7.9	0.31			
TABELLARIA FENESTRATA	610.2	24.21			
TOTAL	2520.0	100.0	TOTAL	1305.9	100.0

NDC 1-1 NO. OF FORMS = 48 DIVERSITY = 3.78 NDC 1-3 AC. OF FORMS = 46 DIVERSITY = 3.82

	CELLS/ML	PERCENT		CELLS/ML	PERCENT
ACTINASTRUM HANTZSCHII V. FLUVIATILE	3.7	0.09	ACTINASTRUM HANTZSCHII V. FLUVIATILE	13.9	0.68
ANACYSTIS SP.	3.7	0.09	ANACYSTIS SP.	0.9	0.05
ANKISTODESMUS FALCATUS V. MIRABILIS	40.8	1.04	ANKISTODESMUS FALCATUS V. MIRABILIS	18.5	0.90
ANKISTODESMUS SP.	9.3	0.24	ANKISTODESMUS GELIFACTUS	1.9	0.09
APHANOCAPSA SP.	1.9	0.05	ASTERIONELLA FORMOSA	73.2	3.57
APHANOTHECE SP.	1.9	0.05	BLUE-GREEN UNKNOWN COLONY	0.9	0.05
ASTERIONELLA FORMOSA	98.1	2.50	BLUE-GREEN UNKNOWN FILAMENT	13.9	0.68
BLUE-GREEN UNKNOWN COLONY	1.9	0.05	CHLAMYDOMONAS SP.	374.5	18.28
BLUE-GREEN UNKNOWN FILAMENT	11.1	0.28	CLOSTRIDIOPSIS LONGISSIMA	3.7	0.18
CHLAMYDOMONAS SP.	539.8	13.76	COELASTRUM SP.	10.2	0.50
CLOSTRIDIOPSIS LONGISSIMA	7.4	0.19	COSMARINUM SP.	0.9	0.05
COCCONIS PEDICULUS	1.9	0.05	CRUCIGENIA CUADRATA	4.6	0.23
COELASTRUM SP.	3.7	0.09	CRYPTOMONAS SP.	35.2	1.72
CRUCIGENIA SP.	1.9	0.05	CYCLOTILLA OCELLATA	5.6	0.27
CRYPTOMONAS SP.	92.8	2.37	CYCLOTILLA SP.	29.7	1.45
CYCLOTILLA OCELLATA	1.9	0.05	CYNATOPLEURA SOLEA	0.9	0.05
CYCLOTILLA SP.	50.1	1.28	DIATOM, UNKNOWN	14.8	0.72
CYNATOPLEURA SOLEA	1.9	0.05	DINOBRYON DIVERGENS	2.8	0.14
DIATOMA TENUE V. ELONGATUM	5.6	0.14	DINOFAGELLATES	67.7	3.30
DINOBRYON DIVERGENS	3.7	0.09	FLAGELLATES	19.5	0.95
DYLOSTAUSON SP.	53.8	1.37	FRAGILARIA CAPUCINA	123.3	6.02
FLAGELLATES	15.2	0.39	FRAGILARIA CROTCHENSIS	114.9	5.61
FRAGILARIA CAPUCINA	14.8	0.38	FRAGILARIA INTERMEDIA V. PALLAX	21.3	1.04
FRAGILARIA CROTCHENSIS	272.7	6.95	GLENODINIUM SP.	156.7	7.65
FRAGILARIA INTERMEDIA V. PALLAX	57.5	1.47	GLOECYSTIS SP.	0.9	0.05
GLENODINIUM SP.	20.4	0.52	GOMPHOSPHERIA SE.	0.9	0.05
GLOECYSTIS SP.	129.8	3.31	GREEN SOLITARY, UNKNOWN	78.8	3.85
GOMPHOSPHERIA OLIVACEUM	758.7	19.35	HELOSIRA ITALICA	38.0	1.86
GREEN COLONY, UNKNOWN	1.9	0.05	HELOSIRA ITALICA	4.6	0.23
GREEN SOLITARY, UNKNOWN	3.7	0.09	HELOSIRA ITALICA	1.9	0.09
HELOSIRA ITALICA	126.1	3.22	HELOSIRA ITALICA	0.9	0.05
HELOSIRA ITALICA	18.5	0.47	HELOSIRA ITALICA	5.6	0.27
HELOSIRA ITALICA	1.9	0.05	HELOSIRA ITALICA	16.7	0.81
HELOSIRA ITALICA	1.9	0.05	HELOSIRA ITALICA	2.8	0.14
HELOSIRA ITALICA	11.1	0.28	HELOSIRA ITALICA	0.9	0.05
HELOSIRA ITALICA	5.6	0.14	HELOSIRA ITALICA	1.9	0.09
HELOSIRA ITALICA	402.5	10.26	HELOSIRA ITALICA	71.4	3.48
HELOSIRA ITALICA	3.7	0.09	HELOSIRA ITALICA	66.7	3.26
HELOSIRA ITALICA	3.7	0.09	HELOSIRA ITALICA	105.7	5.16
HELOSIRA ITALICA	87.2	2.22	HELOSIRA ITALICA	0.9	0.05
HELOSIRA ITALICA	85.3	2.18	HELOSIRA ITALICA	2.8	0.14
HELOSIRA ITALICA	426.6	10.88	HELOSIRA ITALICA	0.9	0.05
HELOSIRA ITALICA	7.4	0.19	HELOSIRA ITALICA	15.8	0.77
HELOSIRA ITALICA	20.4	0.52	HELOSIRA ITALICA	7.4	0.36
HELOSIRA ITALICA	499.0	12.72	HELOSIRA ITALICA	512.6	25.02
HELOSIRA ITALICA	1.9	0.05	HELOSIRA ITALICA		

TOTAL 3921.6 100.0 TOTAL 2048.7 100.0

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TOTAL	2044.0	100.0
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NDC 4-2	NO. OF FORMS = 53	DIVERSITY = 3.39	NDC 4-3	NO. OF FORMS = 31	DIVERSITY = 3.50
	CELLS/ML	PERCENT		CELLS/ML	PERCENT
ACHNANTHES SP.	5.6	0.07	ANKISTRODESMUS SP.	13.5	0.85
ACTINASTRIA HAMATASCHII V. FLUVIATILIS	5.6	0.07	ASTENICHELIA FORMOSA	17.2	1.09
ANKISTRODESMUS FALCAIUS V. MIRABILIS	46.4	0.56	BLUE-GREEN UNKNOWN FILAMENT	2.3	0.15
ANKISTRODESMUS GELIPACTUS	3.7	0.04	CHLAMYDOMONAS SP.	115.5	7.31
ASTERICHELIA FORMOSA	627.0	7.55	CICSTERIUM SP.	1.4	0.09
BLUE-GREEN UNKNOWN FILAMENT	20.4	0.25	CRYPTOMONAS SP.	14.4	0.91
CHLAMYDOMONAS SP.	1283.7	15.45	CYCLOTELLA CCELLATA	8.8	0.56
CICSTERIOPSIS LONGISSIMA	7.4	0.09	CYCLOTELLA SP.	158.7	10.04
CICSTERIUM SP.	1.9	0.02	DINOBYRON CYSTIS	11.6	0.73
CELASTRUM SP.	9.3	0.11	DINOBYRON SP.	3.2	0.21
CRYPTOMONAS SP.	120.6	1.45	FLAGELLATES	0.5	0.03
CYCLOTELLA CCELLATA	13.0	0.16	FRAGILARIA CROTCHENSIS	38.5	2.44
CYCLOTELLA SP.	322.8	3.88	FRAGILARIA INTERMEDIA	50.6	3.20
DIATOMA TENUE	1.9	0.02	FRAGILARIA INTERMEDIA V. FALLAX	7.9	0.50
DIATOMA VULGARE	16.7	0.20	FRAGILARIUM SP.	33.4	2.11
DIATOMA TENUE V. ELONGATUM	1.9	0.02	GLENODINIUM SP.	149.9	9.48
DINOBYRON DIVERGENS	68.6	0.83	GLCFOCYSTIS SP.	1.9	0.12
FLAGELLATES	319.1	3.84	GREEN FILAMENT, UNKNOWN	14.8	0.94
FRAGILARIA CAPUCINA	74.2	0.89	MEIOSIFA ISLANDICA	17.6	1.12
FRAGILARIA CROTCHENSIS	205.9	2.48	MEIOSIFA SP.	0.9	0.06
FRAGILARIA INTERMEDIA V. FALLAX	270.8	3.26	NAVICULA PUPULA V. ROSTRATA	0.5	0.03
FRAGILARIA SP.	11.1	0.13	NAVICULA SP.	0.9	0.06
GLENODINIUM SP.	90.9	1.09	RHIZOSCHIA SP.	220.9	13.97
GREEN COLONY, UNKNOWN	1.9	0.02	ROTHOMONAS SP.	11.1	0.70
GREEN SOLITARY, UNKNOWN	1.9	0.02	RHIZOSCHENIA GRACILIS	43.2	2.73
MEIOSIFA GRANULATA	5.6	0.07	RHIZOSOLENIA SP.	44.1	2.79
MEIOSIFA ISLANDICA	560.2	6.74	SCENEDESMUS SP.	149.4	9.45
MEIOSIFA ITALICA	77.9	0.94	STEPHANODISCUS SP.	2.8	0.18
POUGEOITIA SP.	1.9	0.02	STEPHANODISCUS TRANSILVANICUS	7.4	0.47
NAVICULA GASTRUM	1.9	0.02	SYNEDRA SP.	1.9	0.12
NAVICULA SP.	16.7	0.20	SYNEDRA ULNA	436.2	27.59
RHIZOSCHIA ACICULARIS	39.0	0.47			
RHIZOSCHIA SP.	3.7	0.04			
RHIZOSCHIA SV. #2	1.9	0.02			
ROTHOMONAS SP.	14.8	0.18			
ROTHOMONAS SP.	3.7	0.04			
COCYSTIS SP.	5.6	0.07			
OPHIOCYTIUM SP.	1.9	0.02			
OSCILLATORIA SP.	7.4	0.09			
RHIZOSCHENIA SP.	168.8	2.03			
SCENEDESMUS QUADRICAUDA	1.9	0.02			
SCENEDESMUS SP.	111.3	1.34			
STEPHANODISCUS EINTERANUS	14.8	0.18			
STEPHANODISCUS SP.	3045.9	36.66			
STEPHANODISCUS TRANSILVANICUS	11.1	0.13			
SYNEDRA DELICATISSIMA	3.7	0.04			
SYNEDRA FLIFERENS	16.7	0.20			
SYNEDRA GRIFFITHII	7.4	0.09			
SYNEDRA SP.	87.2	1.05			
SYNEDRA ULNA	22.3	0.27			
TABELLARIA FENESTRATA	519.4	6.25			
TETRAELON CAUDATUM	1.9	0.02			
WESTELLA HETEROCYCLES	22.3	0.27			
TOTAL	8306.5	100.0	TOTAL	1580.8	100.0

NDC 7-2	NO. OF FORMS = 41	DIVERSITY = 3.97	NDC 7-3	NO. OF FORMS = 40	DIVERSITY = 3.81
	CELLS/ML	PERCENT		CELLS/ML	PERCENT
ACTINASTRUM HANTZSCHII V. FLUVIATILE	1.9	0.05	ACTINASTRUM HANTZSCHII V. FLUVIATILE	0.5	0.04
AMPHIPORA ORNATA	3.7	0.10	ANKISTRODESMUS FALCATUS V. MIRABILIS	11.6	1.00
ANKISTRODESMUS FALCATUS V. MIRABILIS	42.7	1.16	ANKISTRODESMUS SP.	0.5	0.04
ANKISTRODESMUS SE.	5.6	0.15	APHANOCAPSA SP.	0.5	0.04
ASTERICNELLA FORMOSA	157.7	4.27	APHANOTHECE SP.	0.5	0.04
BLUE-GREEN UNKNOWN FILAMENT	3.7	0.10	ASTERICNELLA FORMOSA	40.4	3.46
CHLAMYDOMONAS SP.	645.5	17.50	BLUE-GREEN UNKNOWN FILAMENT	11.6	1.00
CLCSTERIOPSIS LONGISSIMA	5.6	0.15	CHLAMYDOMONAS SP.	257.1	22.05
COELASTRUM SP.	11.1	0.30	CLCSTERIOPSIS LONGISSIMA	2.3	0.20
CRYPTOCYNAS SP.	81.6	2.21	CLCSTERIUM ACIRCULARE	0.5	0.04
CYCLOTELLA OCELLATA	9.3	0.25	COELASTRUM SP.	0.9	0.08
CYCLOTELLA SP.	144.7	3.92	CRYPTOCYNAS SP.	26.9	2.31
CYMATOPLEURA SOLEA	1.9	0.05	CYCLOTELLA OCELLATA	3.2	0.28
DIATOMA TENUE V. ELONGATUM	61.2	1.66	CYCLOTELLA SP.	32.0	2.75
DINOBRYON DIVERGENS	154.0	4.17	DINOBRYON DIVERGENS	17.2	1.47
FLAGELLATES	53.8	1.46	FLAGELLATES	50.1	4.30
FRAGILARIA CAPUCINA	218.9	5.93	FRAGILARIA CAPUCINA	4.2	0.36
FRAGILARIA CROTONENSIS	113.2	3.07	FRAGILARIA CROTONENSIS	75.6	6.49
FRAGILARIA INTERPEDIA V. FALLAX	76.1	2.06	FRAGILARIA INTERMEDIA V. FALLAX	24.6	2.11
GLENODINIUM SP.	608.4	16.49	FRAGILARIA SP.	0.5	0.04
GLCEOCYSTIS SP.	157.7	4.27	GLENODINIUM SP.	16.7	1.43
MEIOSIPA ISLANDICA	53.8	1.46	GLCEOCYSTIS SP.	112.8	9.67
MELOSIFA ITALICA	1.9	0.05	GREEN COLONY, UNKNOWN	1.4	0.12
NAVICULA SP.	1.9	0.05	GREEN SOLITARY, UNKNOWN	0.5	0.04
NAVICULA TRIPUNCTATA	13.0	0.35	MELOSIPA ISLANDICA	65.4	5.61
NITZSCHIA ACICULARIS	5.6	0.15	MELOSIFA ITALICA	17.2	1.47
NITZSCHIA SP.	129.8	3.52	NITZSCHIA ACICULARIS	7.0	0.60
OCHROMONAS SP.	1.9	0.05	NITZSCHIA SP. #2	0.9	0.08
OEDOGONIUM SP.	1.9	0.05	OCHROMONAS SP.	0.5	0.04
OOCYSTIS SP.	1.9	0.05	OEDOGONIUM SP.	1.9	0.16
OPEPHOFA SP.	1.9	0.05	OOCYSTIS SP.	1.4	0.12
OSCILLATORIA SP.	1.9	0.05	OSCILLATORIA SP.	0.5	0.04
PERALDINIUM SP.	3.7	0.10	RHIZOSCLERIA GRACILIS	33.9	2.91
RHIZOSCLERIA GRACILIS	77.9	2.11	SCENEDESMUS SP.	27.4	2.35
SCENEDESMUS SP.	72.3	1.96	STEPHANODISCUS SP.	103.9	8.92
STEPHANODISCUS SP.	415.5	11.26	STEPHANODISCUS TRANSILVANICUS	1.4	0.12
SYNEDRA OSTENFELCII	3.7	0.10	SYNEDRA OSTENFELDII	1.9	0.16
SYNEDRA SP.	44.5	1.21	SYNEDRA ULNA	19.0	1.63
SYNEDRA ULNA	3.7	0.10	SYNEDRA ULNA	2.3	0.20
TABELLARIA FENESTRATA	287.5	7.79	TABELLARIA FENESTRATA	189.3	16.24
WESTELIA ECTRYCILES	7.4	0.20			
TOTAL	3689.6	100.0	TOTAL	1165.6	100.0

SDC 5-1	NO. OF FORMS = 23	DIVERSITY = 3.02	CELLS/ML	PERCENT
ANKISTODESMUS SP.			11.6	1.02
BLUE-GREEN UNKNOWN FILAMENT			4.6	0.41
CHLAMYDOMONAS SP.			83.5	7.33
CYCSTEROPOPSIS LONGISSIMA			2.3	0.20
CLCSTERIUM SP.			4.6	0.41
CRYPTOMONAS SP.			48.7	4.28
DIATOMA TENUE V. ELONGATUM			23.2	2.04
DINOBRYON DIVERGENS			23.2	2.04
FLAGELLATES			4.6	0.41
FRAGILARIA CROTCHENSIS			30.1	2.65
FRAGILARIA INTERMEDIA			7.0	0.61
GLENODINIUM SP.			27.8	2.44
GLOEOCYSTIS SP.			118.3	10.39
HELOSIRA SP.			27.8	2.44
OOCYSTIS SP.			218.0	19.14
PERIDINIUM SP.			2.3	0.20
RHIZOSOLENIA GRACILIS			4.6	0.41
SCENEDESMUS SP.			16.2	1.43
STEPHANODISCUS SP.			7.0	0.61
SURELLA ANGUSTA			25.5	2.24
SYNEDRA SP.			2.3	0.20
TABELLARIA FENESTRATA			7.0	0.61
			438.3	38.49
TOTAL			1138.6	100.0
SDC 7-4	NO. OF FORMS = 24	DIVERSITY = 3.79	CELLS/ML	PERCENT
ANKISTODESMUS SP.			27.8	1.12
ASTERIONELLA FORMOSA			95.1	3.81
CHLAMYDOMONAS SP.			192.5	7.71
CLCSTERIUM SP.			4.6	0.19
CRYPTOMONAS SP.			32.5	1.30
CYCLOTILLA OCELLATA			13.9	0.56
CYCLOTILLA SP.			327.0	13.10
DINOBRYON CYSTIS			2.3	0.09
DINOBRYON SP.			20.9	0.84
FRAGILARIA CROTCHENSIS			113.6	4.55
FRAGILARIA INTERMEDIA			74.2	2.97
FRAGILARIA INTERMEDIA V. FALLAX			32.5	1.30
GLENODINIUM SP.			37.1	1.49
GLOEOCYSTIS SP.			315.4	12.64
HELOSIRA ISLANDICA			39.4	1.58
HELOSIRA SP.			48.7	1.95
NITZSCHIA ACICULARIS			25.5	1.02
OCHROMONAS SP.			231.9	9.29
RHIZOSOLENIA SP.			148.4	5.95
SCENEDESMUS QUALICAUDA			2.3	0.09
SCENEDESMUS SP.			81.2	3.25
STEPHANODISCUS SP.			412.8	16.54
STEPHANODISCUS TRANSILVANICUS			7.0	0.28
TABELLARIA FENESTRATA			208.7	8.36
TOTAL			2495.2	100.0

NDC 7-5	NO. OF FORMS = 44	DIVERSITY = 3.36	CELLS/ML	PERCENT
ANKISTODESMUS FALCATUS V. MIRABILIS			6.0	0.39
ANKISTODESMUS GELIFACTUS			0.5	0.03
ANKISTODESMUS SP.			0.5	0.03
ASTERIONELLA FORMOSA			32.9	2.15
BLUE-GREEN UNKNOWN FILAMENT			9.7	0.64
CHLAMYDOMONAS SP.			363.3	23.74
CHLAMYDOMONAS SP.			0.5	0.03
CYCSTEROPOPSIS LONGISSIMA			0.5	0.03
CLCSTERIUM ACICULARIS			0.5	0.03
COELASTRUM SP.			3.7	0.24
COSMARIUM SP.			0.5	0.03
CRUCIGENIA SP.			0.5	0.03
CRYPTOMONAS SP.			21.3	1.39
CYCLOTILLA OCELLATA			8.8	0.58
CYCLOTILLA SP.			8.8	0.58
CYMATOPELURA SOLZA			0.9	0.06
DIATOM, UNKNOWN			0.5	0.03
DIATOMA TENUE V. ELONGATUM			0.5	0.03
DINOBRYON DIVERGENS			11.6	0.76
FLAGELLATES			26.4	1.73
FRAGILARIA CAPUCINA			22.7	1.49
FRAGILARIA CROTCHENSIS			72.4	4.73
FRAGILARIA INTERMEDIA V. FALLAX			76.6	5.00
FRAGILARIA PINNATA			0.5	0.03
GLENODINIUM SP.			32.9	2.15
GLOEOCYSTIS SP.			69.1	4.52
GREEN COLONY, UNKNOWN			0.9	0.06
HELOSIRA ISLANDICA			38.5	2.52
HELOSIRA ITALICA			25.1	1.64
NITZSCHIA ACICULARIS			1.4	0.09
NITZSCHIA SP.			1.4	0.09
NITZSCHIA SP. #2			0.5	0.03
OEDOGONIUM SP.			2.8	0.18
RHIZOSOLENIA GRACILIS			64.5	4.21
SCENEDESMUS SP.			30.2	1.97
STEPHANODISCUS BINDERANUS			1.9	0.12
STEPHANODISCUS SP.			77.5	5.06
STEPHANODISCUS TRANSILVANICUS			2.3	0.15
SYNEDRA DELICATISSIMA			0.9	0.06
SYNEDRA FILIFORMIS			1.4	0.09
SYNEDRA OSTENFELTII			0.5	0.03
SYNEDRA SP.			17.2	1.12
SYNEDRA ULNA			0.9	0.06
TABELLARIA FENESTRATA			490.4	32.05
TOTAL			1530.3	100.0

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DC-1	NO. OF FORMS = 18	DIVERSITY = 3.26	DC-2	NO. OF FORMS = 35	DIVERSITY = 3.46
		CELLS/ML PERCENT		CELLS/ML PERCENT	
ANABAENA SP.	5.1	3.19	AMPHIFLEURA PELLUCIDA	0.5	0.13
ANKISTRODES MUS SP.	0.9	0.58	ANABAENA SP.	21.3	5.95
CHLAMYDOMONAS SP.	2.3	1.45	ANKISTRODES MUS PASCATUS	3.2	0.91
DINOBRYON DIVERGENS	24.1	15.07	ANKISTRODES MUS SP. #3	1.4	0.39
FLAGELLATES	4.6	2.90	ANKISTRODES MUS SP. #5	0.9	0.26
FRAGILARIA CAPUCINA	21.8	13.62	CHLAMYDOMONAS SP.	0.9	0.26
FRAGILARIA CROTONENSIS	9.3	5.80	CLOSTRIDIOPSIS LONGISSIMA	0.5	0.13
FRAGILARIA INTERMEDIA	36.7	22.90	COSMARUM SP.	0.5	0.13
GLENODINIUM SP.	9.3	5.80	CRYPTOMONAS SP.	1.9	0.52
KIPCHKEIELLA SP.	0.5	0.29	CYCLOTELLA MICHIGANIANA	0.5	0.13
MELOSIRA SP.	0.5	0.29	CYCLOTELLA SP.	1.4	0.39
NITZSCHIA SP.	0.9	0.58	CYCLOTELLA STELLIGERA	5.1	1.42
OEDOGONIUM SP.	2.3	1.45	DIATOMA TENUE V. ELONGATUM	0.5	0.13
OOCYSTIS SP.	2.8	1.74	DINOBRYON DIVERGENS	4.2	1.16
SCENEDES MUS SP.	1.4	0.87	DINOBRYON SOCIALE	2.3	0.65
STEPHANODISCUS SP.	9.3	5.80	DINOFAGELLATES	4.2	1.16
TABELLARIA FENESTRATA	27.4	17.10	EUGLENA SP.	1.4	0.39
TETRAEDRON MINUTUM	0.9	0.58	FLAGELLATES	39.0	10.87
	TOTAL	160.1 100.0	FRAGILARIA CAPUCINA	28.3	7.89
			FRAGILARIA CROTONENSIS	15.3	4.27
			FRAGILARIA INTERMEDIA	0.9	0.26
			GLENODINIUM SP.	7.0	1.94
			GLOECYSTIS SP.	47.3	13.20
			GREEN FILAMENT, UNKNOWN	0.5	0.13
			KIRCHNERIELLA SP.	5.1	1.42
			NAVICULA SP.	0.5	0.13
			NITZSCHIA PALEA	4.2	1.16
			NITZSCHIA PALEACEA	0.9	0.26
			NITZSCHIA SP.	1.4	0.39
			OOCYSTIS SP.	39.4	11.00
			SCENEDES MUS QUADRICAUDA	6.5	1.81
			STEPHANODISCUS ALPINUS	0.5	0.13
			STEPHANODISCUS HANTZSCHII	0.5	0.13
			STEPHANODISCUS MINUTUS	1.9	0.52
			TABELLARIA FENESTRATA	109.0	30.40
			TOTAL	358.7	100.0
DC-3	NO. OF FORMS = 26	DIVERSITY = 3.18			
		CELLS/ML PERCENT			
AMPHIFLEURA PELLUCIDA	1.4	1.04			
ANABAENA SP.	6.5	4.86			
ANKISTRODES MUS SP. #3	1.4	1.04			
ASTEROELLA FORMOSA	0.9	0.69			
COSMARUM SP.	1.4	1.04			
CRYPTOMONAS SP.	0.9	0.69			
CYCLOTELLA MICHIGANIANA	2.8	2.08			
CYCLOTELLA SP.	0.5	0.35			
CYCLOTELLA STELLIGERA	4.2	3.13			
DINOBRYON DIVERGENS	0.9	0.69			
DINOBRYON SOCIALE	1.9	1.39			
DINOFAGELLATES	1.4	1.04			
FLAGELLATES	30.2	22.57			
GLENODINIUM SP.	8.8	6.60			
GLOECYSTIS PLANKTONICA	1.9	1.39			
GLOECYSTIS SP.	48.3	36.11			
GOMPHOSPHERA APOINIA	0.5	0.35			
GREEN FILAMENT, UNKNOWN	0.5	0.35			
NITZSCHIA CONFINS	0.5	0.35			
NITZSCHIA PALEA	1.9	1.39			
NITZSCHIA PALEACEA	0.9	0.69			
OOCYSTIS SP.	8.8	6.60			
SCENEDES MUS QUADRICAUDA	3.7	2.78			
SPHAEROCYSTIS SP.	0.5	0.35			
TABELLARIA FENESTRATA	2.3	1.74			
TETRAEDRON MINUTUM	0.9	0.69			
	TOTAL	133.6 100.0			

DC-4	NO. OF FORMS = 20	DIVERSITY = 3.32	DC-5	NO. OF FORMS = 21	DIVERSITY = 2.96
	CELLS/ML	PERCENT		CELLS/ML	PERCENT
ANABAENA SP.	2.8	4.32	ANABAENA SP.	0.9	0.42
CHLAMYDOMONAS SP.	0.5	0.72	ANKISTRODESMUS SP. #3	0.9	0.42
CRYPTOMONAS SP.	2.3	3.60	ANKISTRODESMUS SP. #5	0.5	0.21
CYCLOTELLA COMTA	0.5	0.72	ASTERIONELLA FORMOSA	1.9	0.85
CYCLOTELLA GLCHERATA	0.9	1.44	CERATIUM HIRUNDINELLA	0.9	0.42
CYCLOTELLA OCELLATA	0.5	0.72	CHLAMYDOMONAS SP.	3.2	1.48
CYCLOTELLA SP.	4.2	6.47	COSNARIUM SP.	1.4	0.64
CYCLOTELLA STELLIGERA	2.3	3.60	CYCLOTELLA MICHIGANIANA	3.7	1.69
FLAGELLATES	5.6	8.63	CYCLOTELLA SP.	1.4	0.64
FRAGILARIA CROTONENSIS	10.7	16.55	CYCLOTELLA STELLIGERA	20.4	9.32
GLENODINIUM SP.	3.7	5.76	DINOBRYON DIVERGENS	3.2	1.48
GLOEOCYSTIS SP.	6.0	9.35	DINOFLLAGELLATES	3.7	1.69
GREEN FILAMENT, UNKNOWN	0.9	1.44	FLAGELLATES	67.7	30.93
GREEN SOLITARY, UNKNOWN	0.5	0.72	FRAGILARIA CROTONENSIS	12.1	5.51
PERIDIUM SP.	1.4	2.16	GLENODINIUM SP.	4.2	1.91
SCENEDESMUS SP.	0.5	0.72	GLOEOCYSTIS SP.	58.9	26.91
STEPHANODISCUS BINDERANUS	0.5	0.72	GOMPHOSPHERIA LACUSTRIS	0.9	0.42
STEPHANODISCUS SP.	0.5	0.72	MALLOMONAS CAUDATA	0.5	0.21
TABELLARIA FENESTRATA	20.0	30.94	OOCYSTIS SP.	21.3	9.75
TETRAECRON MINIMUM	0.5	0.72	TABELLARIA FENESTRATA	10.2	4.66
			TETRAECRON MINIMUM	0.9	0.42
TOTAL	64.5	100.0	TOTAL	219.0	100.0

DC-6	NO. OF FORMS = 18	DIVERSITY = 2.66	NDC-5-0	NO. OF FORMS = 23	DIVERSITY = 3.20
	CELLS/ML	PERCENT		CELLS/ML	PERCENT
ANABAENA SP.	0.9	0.52	ANABAENA SP.	103.9	5.59
ANKISTRODESMUS SP. #5	2.3	1.29	ANKISTRODESMUS SP.	7.4	0.40
ASTERIONELLA FORMOSA	4.6	2.58	CHARACIUM SP.	89.0	4.79
CRYPTOMONAS SP.	0.9	0.52	CHLAMYDOMONAS SP.	515.7	27.74
CYCLOTELLA COMTA	0.5	0.26	CRYPTOMONAS SP.	44.5	2.40
CYCLOTELLA KUEZZINGIANA	0.5	0.26	CYCLOTELLA SP.	48.2	2.59
CYCLOTELLA MICHIGANIANA	3.7	2.06	DINOBRYON DIVERGENS	3.7	0.20
CYCLOTELLA SP.	2.3	1.29	DINOBRYON SP.	55.6	2.99
CYCLOTELLA STELLIGERA	44.5	24.74	FRAGILARIA CAPUCINA	267.1	14.37
DINOBRYON DIVERGENS	4.6	2.58	FRAGILARIA INTERNEDIA	411.8	22.16
DINOBRYON SOCIALE	0.5	0.26	GLENODINIUM SP.	26.0	1.40
DINOFLLAGELLATES	3.2	1.80	GLOEOCYSTIS SP.	33.4	1.80
FLAGELLATES	43.6	24.23	KIRCHNERIELLA SP.	3.7	0.20
FRAGILARIA CROTONENSIS	54.8	30.41	NITZSCHIA ACICULARIS	3.7	0.20
GLOEOCYSTIS SP.	10.7	5.93	NITZSCHIA SP.	3.7	0.20
MALLOMONAS SP.	0.9	0.52	NITZSCHIA SP. #2	18.5	1.00
OOCYSTIS SP.	0.9	0.52	OCHROMONAS SP.	3.7	0.20
RHIZOSCLEPIA BRIENSIS	0.5	0.26	OEDOGONIUM SP.	7.4	0.40
			SCENEDESMUS SP.	11.1	0.60
			STEPHANODISCUS SP.	48.2	2.59
			SYNEDRA SP.	11.1	0.60
			SYNEDRA ULNA	7.4	0.40
			TABELLARIA FENESTRATA	133.6	7.19
TOTAL	180.0	100.0	TOTAL	1858.7	100.0

NDC.5-2	NO. OF FORMS = 25	DIVERSITY = 3.78	NDC 1-0	NO. OF FORMS = 30	DIVERSITY = 3.43
		CELLS/ML PERCENT			CELLS/ML PERCENT
ANABAENA SP.	11.6	6.68	ANABAENA SP.	154.0	20.70
ASTERICHHELLA FORMOSA	0.9	0.53	ASTERICHHELLA FORMOSA	3.7	0.50
CERATIUM HIRUNDINELLA	0.5	0.27	CHLAMYDOMONAS SP.	1.9	0.25
COSMARIUM SP.	0.9	0.53	COSMARIUM SP.	3.7	0.50
CRYPTOCOMONAS SP.	0.9	0.53	CRYPTOCOMONAS SP.	59.4	7.98
CYCLOTELLA MICHIGANIANA	1.4	0.80	CYCLOTELLA MICHIGANIANA	7.4	1.00
CYCLOTELLA SP.	1.4	0.80	CYCLOTELLA STELLIGERA	3.7	0.50
CYCLOTELLA STELLIGERA	3.7	2.14	DINOBRYON DIVERGENS	1.9	0.25
DINOBRYON DIVERGENS	7.0	4.01	DINOFAGELLATES	5.6	0.75
DINOBRYON SOCIALE	1.9	1.07	FLAGELLATES	163.2	21.95
DINOFAGELLATES	1.4	0.80	FRAGILARIA CROTONENSIS	11.1	1.50
FLAGELLATES	14.8	8.56	GLENODINIUM SP.	35.2	4.74
FRAGILARIA CAPUCINA	18.6	10.70	GLOFOCYSTIS SP.	139.1	18.70
GLENODINIUM SP.	9.3	5.35	GLCEOTHECE SP.	1.9	0.25
GLCEOCYSTIS SP.	20.9	12.03	GREEN FILAMENT, UNKNOWN	9.3	1.25
MELOSIRA GRANULATA	1.4	0.80	MELOSIRA GRANULATA	14.8	2.00
NITZSCHIA ACICULARIS	0.5	0.27	NAVICULA SP.	1.9	0.25
NITZSCHIA PALEA	3.2	1.87	NAVICULA VIRIDULA V. ROSTELATA	1.9	0.25
NITZSCHIA SP.	7.9	4.55	NITZSCHIA ACICULARIS	3.7	0.50
OOCYSTIS SP.	18.1	10.43	NITZSCHIA CONFINIS	1.9	0.25
PERIDINIUM SP.	4.2	2.41	NITZSCHIA PALEA	9.3	1.25
SCENEDESMUS QUADRICAUDA	5.6	3.21	NITZSCHIA SP.	9.3	1.25
STEPHANODISCUS SP.	1.9	1.07	OOCYSTIS SP.	35.2	4.74
TABELLARIA FENESTRATA	34.8	20.05	SCENEDESMUS BICELLULARIS	3.7	0.50
TETRAEDRON MINIMUM	0.9	0.53	SCENEDESMUS QUADRICAUDA	18.5	2.49
			STEPHANODISCUS ALPINUS	1.9	0.25
			STEPHANODISCUS HANTZSCHII	3.7	0.50
			STEPHANODISCUS MINUTUS	1.9	0.25
			STEPHANODISCUS SUBTILIS	1.9	0.25
			TABELLARIA FENESTRATA	33.4	4.49
TOTAL	173.5	100.0	TOTAL	743.9	100.0

NDC 2-1	NO. OF FORMS = 23	DIVERSITY = 3.20		NDC 2-3	NO. OF FORMS = 20	DIVERSITY = 3.31	
			CELLS/ML PERCENT				
ANABAENA SP.		7.4	3.05	ANABAENA SP.		8.4	15.00
ANKISTODESMUS SP.		5.1	2.10	CERATIUM HIRUNDINELLA		0.5	0.83
CHARACIUM SP.		1.4	0.57	COELASTRUM MICHOPORUM		0.5	0.83
CHLAMYDOMONAS SP.		15.3	6.30	CRYPTOMONAS SP.		1.4	2.50
CYCLOTILLA OCELLATA		0.5	0.19	CYCLOTILLA SP.		0.9	1.67
CYPATOFLEURA SOLEA		0.5	0.19	DINOBYRON DIVERGENS		0.5	0.83
DINOBYRON SP.		16.2	6.68	FLAGELLATES		6.5	11.67
FLAGELLATES		4.2	1.72	FRAGILARIA CAPUCINA		4.2	7.50
FRAGILARIA CAPUCINA		84.9	34.92	FRAGILARIA CROTONENSIS		0.5	0.83
FRAGILARIA CROTONENSIS		19.5	8.02	GLENODINIUM SP.		1.4	2.50
FRAGILARIA INTERMEDIA		11.6	4.77	GLEOCYSTIS SP.		0.9	1.67
FRAGILARIA SP.		0.5	0.19	GREEN FILAMENT, UNKNOWN		0.9	1.67
GLENODINIUM SP.		7.0	2.86	NITZSCHIA BACATA		0.5	0.83
GLEOCYSTIS SP.		2.3	0.95	NITZSCHIA PALEA		2.3	4.17
KIRCHNERIELLA SP.		2.3	0.95	NITZSCHIA SP.		7.4	13.33
MELOSIRA SP.		0.5	0.19	PERIDINIUM SP.		0.5	0.83
NITZSCHIA SP.		2.3	0.95	SCENEDESMUS SP.		0.5	0.83
OEDOGONIUM SP.		1.4	0.57	STEPHANODISCUS SP.		0.9	1.67
RHOICOSPHENIA CURVATA		0.5	0.19	TABELLARIA FENESTRATA		16.2	29.17
STEPHANODISCUS SP.		21.8	8.97	TETRAEIRON MINIMUM		0.9	1.67
SYNEDRA SP.		0.5	0.19				
		2.7	45.08				
				TOTAL		55.7	100.0

NDC	4-0	NO. OF FORMS = 13	DIVERSITY = 2.67
	ANABAENA SP.	2.3	5.10
	ASTERICNELLA FORMOSA	0.5	1.02
	CERATIUM SP.	0.5	1.02
	CHLAMYDOMONAS SP.	12.5	27.55
	DINOBRYON SP.	16.2	35.72
	FRAGILARIA CROTONENSIS	1.9	4.08
	FRANCEIA SP.	0.9	2.04
	GLENODINIUM SP.	4.2	9.18
	OEDOGONIUM SP.	0.5	1.02
	OOCYSTIS SP.	0.5	1.02
	QUADRIGULA LACUSTRIS	0.5	1.02
	STEPHANODISCUS SP.	1.4	3.06
	TABELLARIA FENESTRATA	3.7	8.16
	TOTAL	45.5	100.0

NDC 7-3

NO. OF FORMS = 32

DIVERSITY = 2.79

CELLS/ML PERCENT

ANABAENA SP.
 ANKISTODESMUS EBAUMII
 ANKISTODESMUS FALCATUS
 CHLAMYDOMONAS SP.
 CRYPTOMONAS SP.
 CYCLOTELLA MENECHINIANA
 CYCLOTELLA SP.
 CYCLOTELLA STELLIGERA
 DINOBRYON DIVERGENS
 DINOFLLAGELLATES
 EUGLENA SP.
 FLAGELLATES
 FRAGILARIA CROTONENSIS
 GLENODINIUM SP.
 GLOEOCYSTIS SP.
 GREEN FILAMENT, UNKNOWN
 NAVICULA SP.
 NITZSCHIA CONFINIS
 NITZSCHIA DISSIPATA
 NITZSCHIA INSECTA
 NITZSCHIA PALEA
 NITZSCHIA SP.
 OOCYSTIS SP.
 QUADRIGULA LACUSTRIS
 SCENEDESMUS BICELLULARIS
 SCENEDESMUS FALCATUS
 STEPHANODISCUS ALPINUS
 STEPHANODISCUS MINUTUS
 STEPHANODISCUS SP.
 STEPHANODISCUS SUBTILIS
 TABELLARIA FENESTRATA
 TETRAEDRON MINIMUM

44.5 5.21
 0.9 0.11
 1.9 0.22
 0.9 0.11
 3.7 0.43
 0.9 0.11
 0.9 0.11
 0.9 0.11
 6.5 0.76
 2.8 0.33
 3.7 0.43
 3.7 0.43
 106.7 12.49
 31.6 3.69
 1.9 0.22
 327.6 38.33
 4.6 0.54
 0.9 0.11
 2.8 0.33
 1.9 0.22
 0.9 0.11
 1.9 0.22
 3.7 0.43
 95.6 11.18
 3.7 0.43
 1.9 0.22
 7.4 0.87
 1.9 0.22
 2.8 0.33
 4.6 0.54
 1.9 0.22
 178.2 20.85
 1.9 0.22

TOTAL

854.7

100.0

NDC 7-5

NO. OF FORMS = 12

DIVERSITY = 2.21

CELLS/ML PERCENT

ANABAENA SP.
 CERATIUM SP.
 CHLAMYDOMONAS SP.
 CRYPTOMONAS SP.
 DINOBRYON SP.
 FRAGILARIA CROTONENSIS
 GLENODINIUM SP.
 GLOEOCYSTIS SP.
 SCENEDESMUS SP.
 STEPHANODISCUS SP.
 TABELLARIA FENESTRATA
 TETRAEDRON MINIMUM

0.5 0.60
 0.5 0.60
 39.9 51.43
 2.3 2.99
 12.2 15.68
 12.1 15.55
 0.5 0.60
 3.2 4.19
 0.9 1.19
 4.6 5.98
 0.5 0.60
 0.5 0.60

TOTAL

77.6

100.0

SDC 5-2

NO. OF FORMS = 18

DIVERSITY = 2.59

CELLS/ML PERCENT

ANABAENA SP.
 ANKISTODESMUS SP.
 CHLAMYDOMONAS SP.
 CRYPTOMONAS SP.
 DINOBRYON DIVERGENS
 FRAGILARIA CAPUCINA
 FRAGILARIA CROTONENSIS
 FRAGILARIA INTERMEDIA
 FRANCEIA SP.
 GLENODINIUM SP.
 GLOEOCYSTIS SP.
 KIRCHNERIELLA SP.
 OEDOGONIUM SP.
 QUADRIGULA LACUSTRIS
 SCENEDESMUS SP.
 SOBASTEUM SPINULOSUM
 STEPHANODISCUS SP.
 TABELLARIA FENESTRATA

10.7 5.25
 1.9 0.91
 19.0 9.36
 1.9 0.91
 20.0 9.82
 3.2 1.60
 11.6 5.71
 1.9 0.91
 0.5 0.23
 15.3 7.53
 0.9 0.46
 2.8 1.37
 0.9 0.46
 0.5 0.23
 2.3 1.14
 0.5 0.23
 5.1 2.51
 104.4 51.37

TOTAL

203.2

100.0

SDC 1-0

NO. OF FORMS = 25

DIVERSITY = 3.22

CELLS/ML PERCENT

ANABAENA SP.
 CRYPTOMONAS SP.
 CYCLOTELLA SP.
 CYMATOCEURA SOLIDA
 DINOBRYON DIVERGENS
 DIROFLAGELLATES
 FLAGELLATES
 FRAGILARIA CAPUCINA
 FRAGILARIA CROTONENSIS
 GLENODINIUM SP.
 GLOEOCYSTIS SP.
 GREEN FILAMENT, UNKNOWN
 HELOSIRA GRANULATA
 NITZSCHIA PALEA
 NITZSCHIA SP.
 OOCYSTIS SP.
 PEDIASTRUM SP.
 SCENEDESMUS QUADRICAUDA
 STEPHANODISCUS ALPINUS
 STEPHANODISCUS ASTRAEA
 STEPHANODISCUS HANTZSCHII
 STEPHANODISCUS MINUTUS
 STEPHANODISCUS TENUISS
 TABELLARIA FENESTRATA
 TETRAEDRON MINIMUM

196.6 13.84
 89.0 6.27
 1.9 0.13
 1.9 0.13
 3.7 0.26
 14.8 1.04
 144.7 10.18
 252.3 17.75
 94.6 6.66
 50.1 3.52
 144.7 10.18
 3.7 0.26
 3.7 0.26
 13.0 0.91
 3.7 0.26
 35.2 2.48
 1.9 0.13
 7.4 0.52
 1.9 0.13
 1.9 0.13
 1.9 0.13
 1.9 0.13
 7.4 0.52
 1.9 0.13
 341.3 24.02
 1.9 0.13

TOTAL

1420.9

100.0

SDC 1-1	NO. OF FORMS = 25	DIVERSITY = 3.40	SDC 1-2	NO. OF FORMS = 23	DIVERSITY = 3.30
	CELLS/ML	PERCENT		CELLS/ML	PERCENT
ANABAENA SP.	44.5	12.06	AMPHIFISURA PELLUCIDA	0.5	0.20
ANKISTODESRUS SP. #2	0.9	0.25	ANABAENA SP.	24.6	10.41
CERATIUM HIRUNDINELLA	1.9	0.50	COELASTRUM MICROPORUM	1.9	0.79
CRYPTOMONAS SP.	8.4	2.26	CRYPTOMONAS SP.	4.6	1.96
CYCLOTELLA MICHIGANIANA	0.9	0.25	CYCLOTELLA MICHIGANIANA	0.5	0.20
CYCLOTELLA STELLIGERA	0.9	0.25	CYCLOTELLA SP.	1.9	0.79
DINOBRYON DIVERGENS	3.7	1.01	CYMATOCELEURA SOLEA	0.5	0.20
DINOFAGELLATES	15.8	4.27	DINOBRYON DIVERGENS	3.7	1.57
EUGLENA SP.	4.6	1.26	DINOBRYON SOCIALE	10.7	4.52
FLAGELLATES	38.0	10.30	FLAGELLATES	19.5	8.25
FRAGILARIA CROTONENSIS	5.6	1.51	FRAGILARIA CAPUCINA	56.6	23.97
GLENODINIUM SP.	30.6	8.29	FRAGILARIA CROTONENSIS	13.5	5.70
GLCEOCYSTIS SP.	45.5	12.31	FRAGILARIA INTERMEDIA	16.7	7.07
GREEN FILAMENT, UNKNOWN	0.9	0.25	GLENODINIUM SP.	4.2	1.77
HEPIDIUM SP.	0.9	0.25	GLCEOCYSTIS SP.	3.7	1.57
HELOSIA GRANULATA	7.4	2.01	GREEN FILAMENT, UNKNOWN	2.3	0.98
NITZSCHIA CONFINIS	1.9	0.50	NITZSCHIA ACICULARIS	0.9	0.39
NITZSCHIA PALEA	3.7	1.01	NITZSCHIA PALEA	0.9	0.39
NITZSCHIA SP.	5.6	1.51	NITZSCHIA SP.	4.2	1.77
OOCYSTIS SP.	13.9	3.77	OEDOGONIUM SP.	1.9	0.79
PERIDIUM SP.	0.9	0.25	STEPHANODISCUS ALPINUS	0.5	0.20
SELENASTRUM SP.	1.9	0.50	STEPHANODISCUS SP.	3.7	1.57
SPHAEROCYSTIS SCHROETERI	20.4	5.53	TABELLARIA FENESTRATA	58.9	24.95
STEPHANODISCUS MINUTUS	0.9	0.25			
TABELLARIA FENESTRATA	109.5	29.65			
TOTAL	369.3	100.0	TOTAL	236.2	100.0
			SDC 2-0	NO. OF FORMS = 22	DIVERSITY = 3.22
				CELLS/ML	PERCENT
			AMPHORA SP.	0.5	0.12
			ANABAENA SP.	21.3	5.62
			CHLAMYTOMONAS SP.	1.4	0.37
			COELASTRUM MICROPORUM	0.9	0.24
			CRYPTOMONAS SP.	23.7	6.23
			DINOBRYON DIVERGENS	1.4	0.37
			DINOBRYON SOCIALE	6.5	1.71
			FLAGELLATES	18.6	4.89
			FRAGILARIA CAPUCINA	67.7	17.85
			FRAGILARIA CROTONENSIS	26.0	6.85
			FRAGILARIA INTERMEDIA	5.1	1.34
			FRAGILARIA SP.	14.8	3.91
			GLENODINIUM SP.	26.0	6.85
			GLCEOCYSTIS SP.	6.0	1.59
			HELOSIA GRANULATA	0.5	0.12
			HEIDIUM SP.	0.5	0.12
			NITZSCHIA ACICULARIS	1.4	0.37
			NITZSCHIA PALEA	3.2	0.86
			NITZSCHIA SP.	17.2	4.52
			OEDOGONIUM SP.	0.9	0.24
			STEPHANODISCUS SP.	9.7	2.57
			TABELLARIA FENESTRATA	126.2	33.25
			TOTAL	379.6	100.0

SDC 4-1	NO. OF FORMS = 21	DIVERSITY = 2.56	SDC 4-3	NO. OF FORMS = 17	DIVERSITY = 3.29
		CELLS/ML PERCENT			CELLS/ML PERCENT
ANABAENA SP.		110.4	ANABAENA SP.		11.1
CRYPTOMONAS SP.		1.9	CERATIUM HIRUNDINELLA		0.5
CYCLOTELLA MICHIGANIANA		0.9	COSMARIUM SP.		0.9
DINOBRYON DIVERGENS		13.9	CRYPTOMONAS SP.		0.9
DINOFLLAGELLATES		4.6	CYCLOTELLA MENEGHINIANA		0.9
EUGLENA SP.		0.9	CYCLOTELLA MICHIGANIANA		0.5
FLAGELLATES		14.8	CYCLOTELLA STELLIGERA		1.4
FRAGILARIA CAPUCINA		49.2	DINOBRYON DIVERGENS		5.1
FRAGILARIA CROTONENSIS		1.9	DINOFLLAGELLATES		5.6
FRAGILARIA INTERNEDIA		7.4	FLAGELLATES		14.4
GLENODINIUM SP.		8.4	FRAGILARIA CROTONENSIS		5.1
GLOECYSTIS SP.		276.5	GLENODINIUM SP.		13.9
GREEN FILAMENT, UNKNOWN		0.9	GLOECYSTIS SP.		21.3
NITZSCHIA ACICULARIS		0.9	OOCYSTIS SP.		17.2
NITZSCHIA PALEA		2.8	SCENEDESMUS QUADRICAUDA		1.9
NITZSCHIA SP.		7.4	TABELLARIA FENESTRATA		1.9
OOCYSTIS SP.		18.6	TETRAEDRON MINIMUM		0.9
PERIDINIUM SP.		0.9			
SCENEDESMUS FALCATUS		3.7			
STEPHANODISCUS SUBTILIS		0.9			
TABELLARIA FENESTRATA		78.9			
TOTAL		606.0	TOTAL		103.5
		100.0			100.0
SDC 4-4	NO. OF FORMS = 12	DIVERSITY = 2.88	SDC 7-2	NO. OF FORMS = 12	DIVERSITY = 2.71
		CELLS/ML PERCENT			CELLS/ML PERCENT
ANABAENA SP.		59.4	ANABAENA SP.		24.1
CHLAMYDOMONAS SP.		53.8	CHLAMYDOMONAS SP.		1.9
CYCLOTELLA SP.		3.7	CRYPTOMONAS SP.		7.4
DINOBRYON SP.		37.1	DIATOMA TENUE V. ELONGATUM		1.9
FRAGILARIA CAPUCINA		87.2	FLAGELLATES		40.8
FRAGILARIA CROTONENSIS		1.9	FRAGILARIA CROTONENSIS		27.8
GLENODINIUM SP.		22.3	GLENODINIUM SP.		7.4
OEDOGONIUM SP.		5.6	GLOECYSTIS SP.		18.5
SCENEDESMUS SP.		1.9	NITZSCHIA SP.		3.7
STEPHANODISCUS SP.		20.4	STEPHANODISCUS ALPINUS		1.9
TABELLARIA FENESTRATA		64.9	TABELLARIA FENESTRATA		81.6
TETRAEDRON MINIMUM		1.9	TETRAEDRON MINIMUM		3.7
TOTAL		359.9	TOTAL		220.7
		100.0			100.0

SDC 7-3	NO. OF FORMS = 11	DIVERSITY = 2.82		
			CELLS/ML	PERCENT
ANABAENA SP.			26.0	18.18
ANKISTRODESMUS SP.			7.4	5.19
CHLAMYDOMONAS SP.			40.8	28.57
CRUCIGENIA SP.			7.4	5.19
CYCLOTELLA SP.			1.9	1.30
DINOBRYON SP.			9.3	6.49
FRAGILARIA INTERMEDIA			33.4	23.38
GLENODINIUM SP.			5.6	3.90
KIRCHNERIZILLA SP.			5.6	3.90
SCENEDESMUS SP.			3.7	2.60
TABELLARIA PENESTRATA			1.9	1.30
			TOTAL	142.8 100.0

SDC 7-5	NO. OF FORMS = 16	DIVERSITY = 3.30		
			CELLS/ML	PERCENT
ANABAENA SP.			87.2	23.74
ANKISTRODESMUS SP.			26.0	7.07
CHLAMYDOMONAS SP.			51.9	14.14
CRYPTOMONAS SP.			9.3	2.53
CYCLOTELLA SP.			22.3	6.06
DINOBRYON SP.			76.1	20.71
FRAGILARIA CAPUCINA			7.4	2.02
FRAGILARIA INTERMEDIA			3.7	1.01
GLENODINIUM SP.			22.3	6.06
GLOEOCYSTIS SP.			5.6	1.52
KIRCHNERIZILLA SP.			16.7	4.55
OCHROMONAS SP.			14.8	4.04
SCENEDESMUS SP.			5.6	1.52
SCHROEDERIA SP.			1.9	0.51
STEPHANODISCUS SP.			9.3	2.53
TABELLARIA PENESTRATA			7.4	2.02
			TOTAL	367.3 100.0

DC-4	NO. OF FORMS = 41	DIVERSITY = 2.90	DC-5	NO. OF FORMS = 34	DIVERSITY = 2.78
		CELLS/ML PERCENT		CELLS/ML PERCENT	
ANABAENA SP.	1.9	0.14	ANABAENA SP.	1.9	0.39
APHANOCAPSA SP.	0.9	0.07	ASTERIONELLA FORMOSA	14.8	3.11
ASTERIONELLA FORMOSA	42.7	3.29	CERATIUM HIRUNDINELLA	1.4	0.29
CERATIUM HIRUNDINELLA	0.5	0.04	CHROOCOCCLUS LIMNETICUS	219.5	45.97
CHROOCOCCLUS LIMNETICUS	166.1	12.81	COELASTRUM SP.	0.5	0.10
CRYPTOMONAS SP.	9.7	0.75	COELOSPHAERIUM SP.	1.4	0.29
CYCLOTELLA COMTA V. BOLANICA	1.9	0.14	CRYPTOMONAS SP.	12.1	2.53
CYCLOTELLA CRYPTICA	0.5	0.04	CYCLOTELLA COMTA V. BOLANICA	0.5	0.10
CYCLOTELLA KUETZINGIANA	7.0	0.54	CYCLOTELLA KUETZINGIANA	2.8	0.58
CYCLOTELLA MENEHGINIANA	0.9	0.07	CYCLOTELLA MENEHGINIANA	0.9	0.19
CYCLOTELLA MICHIGANIANA	2.8	0.21	CYCLOTELLA SP.	0.9	0.19
CYCLOTELLA STELLIGERA	0.9	0.07	DIATOMA TENUE V. ELONGATUM	0.5	0.10
DIATOMA TENUE V. ELONGATUM	0.9	0.07	DINOFAGELLATES	5.6	1.17
DINOBRYON DIVERGENS	1.9	0.14	FLAGELLATES	68.7	14.38
DINOFAGELLATES	27.4	2.11	FRAGILARIA CROTONENSIS	13.9	2.92
FLAGELLATES	171.7	13.24	GLOEOCYSTIS SP.	15.3	3.21
FRAGILARIA CROTONENSIS	210.7	16.25	GREEN FILAMENT, UNKNOWN	0.5	0.10
GLOEOCYSTIS SP.	17.6	1.36	MAILLOMCNAS PSEUDOCORONATA	0.5	0.10
GREEN FILAMENT, UNKNOWN	0.5	0.04	MELOSIRA DISTANS	0.9	0.19
MELOSIRA DISTANS	0.9	0.07	MELOSIRA GRANULATA	73.8	15.45
MELOSIRA GRANULATA	438.9	33.86	MELOSIRA GRANULATA V. ANGUSTISSIMA	1.9	0.39
NITZSCHIA ACUTA	0.5	0.04	NITZSCHIA ACUTA	0.5	0.10
NITZSCHIA BACATA	0.9	0.07	NITZSCHIA BACATA	0.9	0.19
NITZSCHIA CONFINIS	1.9	0.14	NITZSCHIA CONFINIS	0.5	0.10
NITZSCHIA DISSIPATA	0.5	0.04	NITZSCHIA PALEA	0.9	0.19
NITZSCHIA PALEA	0.9	0.07	NITZSCHIA SP.	0.5	0.10
NITZSCHIA SP. #1	1.9	0.14	OOCYSTIS SP.	16.2	3.40
NITZSCHIA SP. #2	0.9	0.07	SCENEDESMUS SP.	3.7	0.78
OOCYSTIS SP.	10.7	0.82	STEPHANODISCUS ALPINUS	0.5	0.10
SCENEDESMUS FALCATUS	1.9	0.14	STEPHANODISCUS HANTZSCHII	1.4	0.29
STEPHANODISCUS ALPINUS	2.8	0.21	STEPHANODISCUS MINUTUS	5.6	1.17
STEPHANODISCUS ASTRAEA	1.9	0.14	STEPHANODISCUS SP.	1.9	0.39
STEPHANODISCUS HANTZSCHII	1.9	0.14	SYNEDRA OSTENFELDII	0.5	0.10
STEPHANODISCUS MINUTUS	7.4	0.57	TABELLARIA PENESEIRATA	6.5	1.36
STEPHANODISCUS SP.	0.9	0.07			
STEPHANODISCUS TENUIS	0.5	0.04			
SUREIRELLA ANGUSTA	0.9	0.07			
SYNEDRA ACUS	0.5	0.04			
SYNEDRA ULNA	0.9	0.07			
TABELLARIA PENESEIRATA	152.2	11.74			
TOTAL	1296.4	100.0	TOTAL	477.5	100.0

NDC.5-2	NO. OF FORMS = 48	DIVERSITY = 2.92	CELLS/ML	PERCENT	NDC 1-0	NO. OF FORMS = 44	DIVERSITY = 3.32
AMTHORA OVALIS		0.9	0.05				
ANABAENA SP.		0.9	0.05		ASTERIONELLA FORMOSA		85.3
ANKISTRODESMUS SP. #1		1.9	0.10		BLUE-GREEN UNKNOWN FILAMENT		37.1
ASTERIONELLA FORMOSA		43.6	2.26		CHROOCOCCUS SP.		18.5
CHLAMYDOMONAS SP.		5.6	0.29		CRYPTOMONAS SP.		7.4
CHROOCOCCUS LIMNETICUS		100.2	5.19		CYCLOTELLA COMITA		0.45
COELOSPHAERIUM COLLINSII		0.9	0.05		CYCLOTELLA CRYPTICA		0.89
COSMARIUM SP.		2.8	0.15		CYCLOTELLA KUEIZINGIANA		0.45
CRUCIGENIA QUADRATA		22.3	1.15		CYCLOTELLA SP.		11.1
CRYPTOMONAS SP.		38.0	1.97		DIATOMA TENUE V. ELONGATUM		3.7
CYCLOTELLA KUEIZINGIANA		2.8	0.14		DINOBRYON DIVERGENS		3.7
CYCLOTELLA MNEGHINIANA		1.9	0.10		DINOFAGELLATES		3.7
CYCLOTELLA MICHIGANIANA		2.8	0.14		FLAGELLATES		77.9
CYCLOTELLA STELLIGERA		1.9	0.10		FRAGILARIA CROTONENSIS		74.2
DIATOMA TENUE V. ELONGATUM		1.9	0.10		FRAGILARIA INTERMEDIA		7.4
DINOFAGELLATES		0.9	0.05		GLCEOCYSTIS SP.		51.9
FLAGELLATES		244.1	12.63		MELOSIRA GRANULATA		834.8
FRAGILARIA CROTONENSIS		298.8	15.47		NAVICULA SP.		3.7
FRAGILARIA INTERMEDIA		12.1	0.62		NITZSCHIA ANGUSTATA		7.4
FRAGILARIA PINNATA		2.8	0.14		NITZSCHIA BACATA		3.7
GLCEOCYSTIS SP.		63.1	3.27		NITZSCHIA CONFINIS		3.7
MELOSIRA DISTANS		1.9	0.10		NITZSCHIA FONTICOLA		3.7
MELOSIRA GRANULATA		858.4	44.43		NITZSCHIA PALEA		7.4
MELOSIRA GRANULATA V. ANGUSTISSIMA		10.2	0.53		NITZSCHIA SPICULOIDES		0.45
NAVICULA TRIPUNCTATA		4.6	0.24		NITZSCHIA SP.		3.7
NITZSCHIA BACATA		0.9	0.05		OOCYSTIS SP.		22.3
NITZSCHIA CONFINIS		4.6	0.24		RHIZOSLENIA ERIENSIS		7.4
NITZSCHIA PRUSTULUM		0.9	0.05		SCENEDESMUS BICELLULARIS		14.8
NITZSCHIA PALEA		2.8	0.14		SCENEDESMUS QUADRICAUDA		14.8
NITZSCHIA SP.		8.4	0.43		STEPHANODISCUS ALPINUS		11.1
NITZSCHIA SP. #1		0.9	0.05		STEPHANODISCUS FINDERANUS		55.6
OOCYSTIS SP.		39.9	2.07		STEPHANODISCUS HANTZSCHII		63.1
SCENEDESMUS DIMORPHUS		7.4	0.38		STEPHANODISCUS MINUTUS		29.7
SCENEDESMUS QUADRICAUDA		21.3	1.10		STEPHANODISCUS SP.		40.8
SPHAEROCYSTIS SP.		1.9	0.10		STEPHANODISCUS SUBTILIS		37.1
STEPHANODISCUS ALPINUS		0.9	0.05		STEPHANODISCUS TENUIS		7.4
STEPHANODISCUS ASTRAEA		0.9	0.05		STEPHANODISCUS TRANSILVANICUS		3.7
STEPHANODISCUS HANTZSCHII		0.9	0.05		SYNEDRA ACUS		3.7
STEPHANODISCUS MINUTUS		6.5	0.34		SYNEDRA DELICATISSIMA V. ANGUSTISSIMA		18.5
STEPHANODISCUS NIAGARAE		1.9	0.10		SYNEDRA OSTENFELDII		3.7
STEPHANODISCUS SP.		7.4	0.38		SYNEDRA SP.		3.7
STEPHANODISCUS TENUIS		6.5	0.34		SYNEDRA TENERA		3.7
SUBIRELLA ANGUSTA		0.9	0.05		SYNEDRA ULNA		3.7
SUBIRELLA OVATA V. PINNATA		0.9	0.05		SYNEDRA ULNA V. CHASEANA		11.1
SYNEDRA DENERARAE		0.9	0.05		TABELLARIA FENESIRATA		22.3
SYNEDRA ULNA		2.8	0.14				
SYNEDRA ULNA V. CHASEANA		2.8	0.14				
TABELLARIA FENESTRATA		84.4	4.37				
TOTAL	1932.1	100.0			TOTAL	1662.1	100.0

NDC 1-1	NO. OF FORMS = 62	DIVERSITY = 2.65	CELLS/ML PERCENT				
ACHNANTHES CLEVEI V. RCSTRATA			0.9	0.04	NITZSCHIA CONFINIS	1.9	0.08
ACTINASTRUM HANTZSCHII V. FLUVIATILE			3.7	0.16	NITZSCHIA FONTICOLA	2.8	0.12
ANABAENA SP.			0.9	0.04	NITZSCHIA PALEA	8.4	0.37
ANACYSTIS SP.			1.9	0.08	NITZSCHIA SP.	4.6	0.20
ASTERIONELLA FORMOSA			21.3	0.94	NITZSCHIA SP. #1	3.7	0.16
BLUE-GREEN UNKNOWN FILAMENT			6.5	0.28	NITZSCHIA SP. #2	1.9	0.08
CALONEIS VENTRICOSA V. MINUTA			0.9	0.04	OOCYSTIS SP.	14.8	0.65
CHROOCOCCUS SP.			57.5	2.52	PEDIASTRUM DUPLEX	0.9	0.04
CRUCIGENIA QUADRATA			31.6	1.38	SCENEDESMUS ABUNDANS V. LONGICAUDA	7.4	0.33
CRYPTOMONAS SP.			5.6	0.24	SCENEDESMUS BICELLULARIS	1.9	0.08
CYCLOTELLA COMTA			4.6	0.20	SCENEDESMUS DIMORPHUS	11.1	0.49
CYCLOTELLA CRYPTICA			4.6	0.20	SCENEDESMUS QUADRICAUDA	3.7	0.16
CYCLOTELLA KUETZINGIANA			12.1	0.53	SPHAEROCYSTIS SP.	0.9	0.04
CYCLOTELLA MENEHINIANA			7.4	0.33	STEPHANODISCUS ALPINUS	4.6	0.20
CYCLOTELLA MICHIGANIANA			4.6	0.20	STEPHANODISCUS BINDERANUS	39.9	1.75
CYCLOTELLA SP.			3.7	0.16	STEPHANODISCUS HANTZSCHII	33.4	1.47
CYMATOLEURA SOLEA			0.9	0.04	STEPHANODISCUS MINUTUS	18.6	0.81
CYMBELLA VENTRICOSA			1.9	0.08	STEPHANODISCUS SP.	21.3	0.94
DACTYLOCOCCOPSIS ACICULARIS			0.9	0.04	STEPHANODISCUS SUBTILIS	6.5	0.28
DINOFLAGELLATES			40.8	1.79	STEPHANODISCUS TENUIS	2.8	0.12
FLAGELLATES			83.5	3.66	SURIRELLA ANGUSTA	1.9	0.08
FRAGILARIA CROTONENSIS			113.2	4.97	SYNEDRA ACUS	0.9	0.04
FRAGILARIA INTERMEDIA			6.5	0.28	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.7	0.16
GLOEOCYSTIS SP.			123.4	5.41	SYNEDRA MINUSCULA	1.9	0.08
GCMPHOSPHERIA SP.			0.9	0.04	SYNEDRA PARASITICA V. SUBCCNSTRICTA	0.9	0.04
MELOSIRA DISTANS			7.4	0.33	SYNEDRA SP. #11	0.9	0.04
MELOSIRA GRANULATA			1400.4	61.42	SYNEDRA ULNA	3.7	0.16
NAVICULA CAPITATA V. LUNEBURGENSIS			1.9	0.08	SYNEDRA ULNA V. CHASIANA	0.9	0.04
NEIDIUM DUBIUM			0.9	0.04	TABELLARIA FENESTRATA	117.9	5.17
NITZSCHIA ACICULARIS			0.9	0.04			
NITZSCHIA ACUTA			0.9	0.04			
NITZSCHIA AMPHIBIA			0.9	0.04			
NITZSCHIA BACATA			2.8	0.12			
					TOTAL	2280.1	100.0

NDC 1-2	NO. OF FORMS = 43	DIVERSITY = 3.15	NDC 2-0	NO. OF FORMS = 46	DIVERSITY = 3.29
	CELLS/ML	PERCENT		CELLS/ML	PERCENT
ANABAENA SP.	1.4	0.15	AMPHORA OVALIS V. PEDICULUS	3.7	0.17
ANACYSTIS SP.	0.9	0.10	ASTERIONELLA FORMOSA	51.9	2.38
ASTERIONELLA FORMOSA	15.8	1.67	BLUE-GREEN UNKNOWN FILAMENT	37.1	1.70
CHROOCCCCUS LIMNETICUS	46.9	4.95	CHROOCCCCUS SP.	74.2	3.40
COELOSPHAERIUM SP.	2.3	0.24	COSMARIUM SP.	3.7	0.17
CRUCIGENIA QUADRATA	26.0	2.74	CRYPTOMONAS SP.	7.4	0.34
CRYPTOMONAS SP.	0.9	0.10	CYCLOTELLA COMTA	3.7	0.17
CYCLOTELLA CRYPTICA	1.9	0.20	CYCLOTELLA CRYPTICA	3.7	0.17
CYCLOTELLA KUETZINGIANA	5.6	0.59	CYCLOTELLA GLOMERATA	7.4	0.34
CYCLOTELLA MENEHINIANA	0.5	0.05	CYCLOTELLA KUETZINGIANA	7.4	0.34
CYCLOTELLA MICHIGANIANA	1.4	0.15	CYCLOTELLA MICHIGANIANA	3.7	0.17
CYCLOTELLA SP.	2.3	0.24	CYCLOTELLA SP.	11.1	0.51
CYCLOTELLA STELLIGERA	0.5	0.05	EUGLENA SP.	3.7	0.17
DINOPLAGELLATES	19.0	2.01	FLAGELLATES	126.1	5.77
FLAGELLATES	187.0	19.75	FRAGILARIA CROTONENSIS	48.2	2.21
FRAGILARIA CROTONENSIS	119.7	12.64	FRAGILARIA INTERMEDIA	44.5	2.04
FRAGILARIA INTERMEDIA	9.3	0.98	GLOEOCYSTIS SP.	48.2	2.21
GLOEOCYSTIS SP.	37.1	3.92	MELOSIRA DISTANS	14.8	0.68
GREEN FILAMENT, UNKNOWN	0.9	0.10	MELOSIRA GRANULATA	1105.6	50.59
MELOSIRA DISTANS	4.6	0.49	NAVICULA RHYNCHOCEPHALA	3.7	0.17
MELOSIRA GRANULATA	339.6	35.86	NAVICULA SP.	7.4	0.34
NITZSCHIA BACATA	1.4	0.15	NITZSCHIA ANGUSTATA	3.7	0.17
NITZSCHIA CONFINIS	3.2	0.34	NITZSCHIA BACATA	18.5	0.85
NITZSCHIA FONTICOLI	0.9	0.10	NITZSCHIA PALEA	11.1	0.51
NITZSCHIA PALEA	2.3	0.24	NITZSCHIA SP.	3.7	0.17
NITZSCHIA SP.	4.6	0.49	OOCYSTIS SP.	44.5	2.04
NITZSCHIA SP. #1	0.5	0.05	SCENEDESMUS BICELLULARIS	14.8	0.68
NITZSCHIA SP. #9	0.5	0.05	SCENEDESMUS QUADRICAUDA	48.2	2.21
OOCYSTIS SP.	23.2	2.45	SCENEDESMUS SP.	14.8	0.68
SCENEDESMUS ABUNCANS	1.9	0.20	SCENEDESMUS WISCONSINENSIS	7.4	0.34
SCENEDESMUS FALCATUS	1.9	0.20	SPHAEROCYSTIS SP.	3.7	0.17
SCENEDESMUS QUADRICAUDA	1.9	0.20	STEPHANODISCUS ALPINUS	14.8	0.68
STEPHANODISCUS ALPINUS	2.3	0.24	STEPHANODISCUS ASTRAEA	3.7	0.17
STEPHANODISCUS HANTZSCHII	4.2	0.44	STEPHANODISCUS BINDERANUS	96.5	4.41
STEPHANODISCUS MINUTUS	6.0	0.64	STEPHANODISCUS HANTZSCHII	111.3	5.09
STEPHANODISCUS SP.	2.3	0.24	STEPHANODISCUS MINUTUS	48.2	2.21
STEPHANODISCUS SUBTILIS	0.9	0.10	STEPHANODISCUS SP.	48.2	2.21
STEPHANODISCUS TENUIIS	3.2	0.34	STEPHANODISCUS SUBTILIS	18.5	0.85
SURIELLA ANGUSTA	0.9	0.10	STEPHANODISCUS TENUIIS	11.1	0.51
SYNEDRA DENERARAE	0.5	0.05	SURIELLA ANGUSTA	3.7	0.17
SYNEDRA MINUSCULA	0.9	0.10	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	14.8	0.68
SYNEDRA ULNA	0.9	0.10	SYNEDRA OSTENFELLII	3.7	0.17
TABELLARIA FENESTRATA	58.9	6.22	SYNEDRA ULNA V. CHASTANA	3.7	0.17
TOTAL	947.0	100.0	TABELLARIA FENESTRATA	7.4	0.34
			TETRAEDRON CAUDAIUM V. LONGISPINA	7.4	0.34
			TETRAEDRON MINIMUM	3.7	0.17
			TOTAL	2185.2	100.0

NDC 2-1	NO. OF FORMS = 58	DIVERSITY = 2.62			
			CELLS/ML	PERCENT	
ACTINASTRUM HANTZSCHII V. FLUVIATILE					
ANABAENA SP.			6.5	0.24	55.51
ANACYSTIS SP.			1.9	0.07	0.03
ANKISTODESMUS SP. #1			3.7	0.14	0.03
ANKISTRODESMUS SP. #3			0.9	0.03	0.10
ASTERIONELLA FORMOSA			1.9	0.07	0.03
CERATIUM HIPUNDINELLA			40.8	1.51	0.03
CHLOROCOCCUM SP.			0.9	0.03	0.17
CHROOCCCCUS LIMNETICUS			8.4	0.31	0.34
CRUCIGENIA QUADRATA			44.5	1.65	0.21
CRYPTOMONAS SP.			3.7	0.14	0.14
CYCLOTELLA COMTA			0.9	0.03	0.07
CYCLOTELLA CRYPTICA			1.9	0.07	0.31
CYCLOTELLA KUETZINGIANA			7.4	0.27	0.03
CYCLOTELLA MENEHINIANA			8.4	0.31	0.03
CYCLOTELLA MICHIGANIANA			2.8	0.10	0.21
CYCLOTELLA SP.			3.7	0.14	0.27
CYCLOTELLA STELLIGERA			2.8	0.10	0.86
CYNATOELEURA SOLEA			1.9	0.07	0.14
DIATOMA TENUE V. ELONGATUM			0.9	0.03	0.14
DIATOMA VULGARE V. BREVE			1.9	0.07	0.31
DINOBRYON DIVERGENS			0.9	0.03	1.30
DINOPLAGELLATES			1.9	0.07	0.51
EUGLENA SP.			32.5	1.20	0.41
FLAGELLATES			0.9	0.03	0.51
FRAGILARIA CROTONENSIS			235.7	8.72	0.10
GLOEOCYSTIS SP.			391.6	14.49	0.76
GOMPHOSPHERIA SP.			104.9	3.88	0.07
MELOSIRA DISTANS			0.9	0.03	0.51
MELOSIRA GRANULATA			13.0	0.48	2.51
MELOSIRA AMPHICEROS					0.03
NAVICULA PLATYSTOMA					0.10
NAVICULA SP.					0.03
NAVICULA TRIPUNCTATA					0.03
NITZSCHIA AMPHIBIA					0.17
NITZSCHIA PACATA					0.34
NITZSCHIA CONFINIS					0.21
NITZSCHIA PALEA					0.14
NITZSCHIA SP.					0.07
NITZSCHIA SP. #1					0.31
OOCYSTIS SP.					0.03
PELTIASIRUM DUPLEX					0.21
SCENEDESMUS BICELLULARIS					0.27
SCENEDESMUS DINORPHUS					0.86
SCENEDESMUS QUADRICAUDA					0.14
SCENEDESMUS SP.					0.14
SCENEDESMUS WISCONSINENSIS					0.31
STEPHANODISCUS ALPINUS					1.30
STEPHANODISCUS BINDERANUS					0.51
STEPHANODISCUS HANTZSCHII					0.41
STEPHANODISCUS MINUTUS					0.51
STEPHANODISCUS SP.					0.10
STEPHANODISCUS SUBTILIS					0.76
STEPHANODISCUS TENUIS					0.07
SURIARELLA ANGUSTA					2.51
SYNEDRA ULNA					0.03
TABELLARIA FENESTRATA					0.03
TETRAEDRON CAUDATUM V. LONGISPINA					0.03
TOTAL			2703.3		100.0

[illegible]

NDC	4-0	NO. OF FORMS = 31	DIVERSITY = 2.51	CELLS/ML	PERCENT			
				18.5	0.87	CYCLOTELLA GLOMERATA	9.3	0.13
				40.8	1.92	CYCLOTELLA KUETZINGIANA	27.8	0.33
				137.3	6.46	CYCLOTELLA MENEGHINIANA	9.3	0.12
				3.7	0.17	CYCLOTELLA MICHIGANIANA	1.9	0.02
				3.7	0.17	CYCLOTELLA SP.	9.3	0.12
				14.8	0.70	CYCLOTELLA STELLIGERA	1.9	0.02
				7.4	0.35	DACYLOCOCOPSIS SP.	3.7	0.05
				3.7	0.17	DINOFLAGELLATES	29.7	0.37
				18.5	0.87	FLAGELLATES	317.2	4.00
				3.7	0.17	FRAGILARIA CAPUCINA	102.0	1.29
				230.0	10.82	FRAGILARIA CONSTRUENS V. VENTER	1.9	0.02
				44.5	2.09	FRAGILARIA CRYPTONENSIS	688.2	8.69
				85.3	4.01	FRAGILARIA CRYPTONENSIS	5.6	0.07
				1254.0	58.99	FRAGILARIA INTERMEDIA	307.9	3.09
				3.7	0.17	GLOFOCYSTIS SP.	7.4	0.04
				3.7	0.17	MELOSIRA DISTANS	3964.1	50.04
				3.7	0.17	MELOSIRA GRANULATA	3.7	0.05
				230.0	10.82	NAVICULA GASTRUM	1.9	0.02
				44.5	2.09	NAVICULA MENISCULUS	3.7	0.05
				85.3	4.01	NAVICULA SP.	1.9	0.02
				1254.0	58.99	NAVICULA SP. #70	1.9	0.02
				3.7	0.17	NITZSCHIA BACATA	1.9	0.02
				3.7	0.17	NITZSCHIA CONFINIS	14.8	0.19
				3.7	0.17	NITZSCHIA PALFA	3.7	0.05
				3.7	0.17	NITZSCHIA ROMANA	1.9	0.02
				7.4	0.35	NITZSCHIA SPICULOIDES	5.6	0.07
				11.1	0.52	NITZSCHIA SP.	1.9	0.02
				3.7	0.17	NITZSCHIA SP. #1	18.5	0.23
				44.5	2.09	OOCYSTIS SP.	7.4	0.09
				51.9	2.44	RHIZOSOLENIA ERIENSIS	22.3	0.28
				29.7	1.40	SCENEDESMUS DIMORPHUS	7.4	0.09
				3.7	0.17	SCENEDESMUS FALCATUS	26.0	0.33
				3.7	0.17	SCENEDESMUS QUADRICAUDA	33.4	0.42
				7.4	0.35	SCENEDESMUS SP.	3.7	0.05
				11.1	0.52	SELFRASTRUM SP.	61.2	0.77
				37.1	1.75	STEPHANODISCUS ALPINUS	387.7	4.89
						STEPHANODISCUS BINDERANUS	176.2	2.22
						STEPHANODISCUS HANTZSCHII	142.8	1.80
						STEPHANODISCUS MINUTUS	116.9	1.48
						STEPHANODISCUS SP.	50.1	0.63
						STEPHANODISCUS SUBTILIS	220.7	2.79
						STEPHANODISCUS TENUIS	13.0	0.16
						STEPHANODISCUS TRANSILVANICUS	1.9	0.02
						SUKIRELLA ANGUSTA	14.8	0.19
						SYNEDRA ACUS	115.0	1.45
						SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.9	0.02
						SYNEDRA DEMERARAE	1.9	0.02
						SYNEDRA FILIFORMIS	16.7	0.21
						SYNEDRA OSTENFELDII	14.8	0.19
						SYNEDRA SP.	13.0	0.16
						SYNEDRA TENERA	7.4	0.09
						SYNEDRA ULNA	64.9	0.82
						SYNEDRA ULNA V. CHASPARA	411.8	5.20
						TABELLARIA FENESTRATA	1.9	0.02
						TREUBARIA TRIGONUM	7922.6	100.0

NDC	4-3	NO. OF FORMS = 36	DIVERSITY = 3.23	NDC	4-4	NO. OF FORMS = 28	DIVERSITY = 2.18	
			CELLS/ML	PERCENT			CELLS/ML	PERCENT
ANABAENA SP.			0.9	0.15	ANABAENA SP.		0.5	0.06
ANKISTRODESMUS SP. #2			1.4	0.22	ANACYSTIS SP.		7.9	1.07
ASTERIONELLA FORMOSA			19.5	3.07	ANKISTRODESMUS SP. #1		0.9	0.13
CEPATION HIRUNDINELLA			0.9	0.15	ANKISTRODESMUS SP. #3		0.9	0.13
CHROOCOCCUS SP.			97.9	15.42	ASTERIONELLA FORMOSA		9.3	1.25
COELOSPHAERIUM SP.			3.2	0.51	BLUE-GREEN UNKNOWN FILAMENT		0.5	0.06
COESMARIUM SP.			0.5	0.07	CERATIUM HIRUNDINELLA		0.5	0.06
CRUCIGENIA QUADRATA			17.2	2.70	CHROOCOCCUS LIMNETICUS		415.3	56.14
CRYPTOMONAS SP.			1.4	0.22	COELOSPHAERIUM COLLINSII		2.3	0.31
CYCLOTILLA COMTA			0.5	0.07	CRUCIGENIA QUADRATA		9.3	1.25
CYCLOTILLA KUEZINGIANA			1.9	0.29	CRYPTOMONAS SP.		1.4	0.19
CYCLOTILLA MENEHGINIANA			0.5	0.07	CYCLOTILLA COMTA		0.9	0.13
CYCLOTILLA NICHIGIANIANA			0.9	0.15	CYCLOTILLA KUEZINGIANA		0.6	0.08
CYCLOTILLA STELLIGERA			0.9	0.15	CYCLOTILLA MENEHGINIANA		0.5	0.06
DINOFLAGELLATES			9.7	1.54	CYCLOTILLA NICHIGIANIANA		0.9	0.13
FLAGELLATES			179.6	28.29	CYCLOTILLA SP.		0.5	0.06
FRAGILARIA CROTONENSIS			74.2	11.70	DINOFLAGELLATES		22.3	3.01
GLOEOCYSTIS SP.			22.7	3.58	FLAGELLATES		160.1	21.64
MELOSIRA DISTANS			0.9	0.15	FRAGILARIA CROTONENSIS		13.9	1.88
MELOSIRA GRANULATA			76.1	11.99	GLOEOCYSTIS SP.		33.9	4.58
NITZSCHIA PACATA			0.5	0.07	MELOSIRA DISTANS		2.3	0.31
NITZSCHIA PALEA			1.4	0.22	MELOSIRA GRANULATA		30.6	4.14
NITZSCHIA SP. #1			0.9	0.15	NITZSCHIA SP.		0.9	0.13
OOCYSTITIS SP.			16.7	2.63	OOCYSTITIS SP.		21.3	2.89
SCENEDESMUS BICELLULARIS			1.9	0.29	STEPHANODISCUS ALPINUS		0.5	0.06
SCENEDESMUS QUADRICAUDA			2.8	0.44	STEPHANODISCUS MINUTUS		0.9	0.13
SCENEDESMUS SP.			1.9	0.29	SYNEDRA SP.		0.5	0.06
STEPHANODISCUS ALPINUS			1.4	0.22	TETRAEDRON CAUDATUM		0.5	0.06
STEPHANODISCUS HANTZSCHII			1.9	0.29				
STEPHANODISCUS MINUTUS			5.6	0.88				
STEPHANODISCUS SP.			0.9	0.15				
STEPHANODISCUS SUBTILIS			0.5	0.07				
STEPHANODISCUS TENUIIS			0.9	0.15				
SURIPELLA ANGUSTA			0.5	0.07				
SYNEDRA SP.			1.4	0.22				
TABELLARIA FENESTRATA			84.9	13.38				
TOTAL			634.8	100.0	TOTAL		739.8	100.0

NDC 7-1	NO. OF FORMS = 66	DIVERSITY = 2.80	CELLS/HL	PERCENT				
ACHNANTHES EXIGUA			1.9	0.03	NITZSCHIA PALEACEA	3.7	0.05	0.05
AMEHORA OVALIS			3.7	0.05	NITZSCHIA SPICULOIDES	1.9	0.03	0.03
ANABAENA SP.			3.7	0.05	NITZSCHIA SP.	3.7	0.05	0.05
ASTERIONELLA FORMOSA			183.6	2.56	NITZSCHIA SP. #1	5.6	0.08	0.08
BLUE-GREEN UNKNOWN FILAMENT			33.4	0.47	OESTRUFIA ZACHARIASI	1.9	0.03	0.03
CHROOCOCCUS SP.			44.5	0.62	OOCYSTIS SP.	29.7	0.41	0.41
COSMARIUM SP.			3.7	0.05	PEDIASTRUM DUPLEX	3.7	0.05	0.05
CRYPTICOMNAS SP.			33.4	0.47	RHOICOSPHENIA CURVATA	1.9	0.03	0.03
CYCLOTELLA COMITA			1.9	0.03	SCENEDESMUS BICELLULARIS	3.7	0.05	0.05
CYCLOTELLA CRYPTICA			39.0	0.54	SCENEDESMUS QUADRICAUDA	22.3	0.31	0.31
CYCLOTELLA KUEZINGIANA			3.7	0.05	SCENEDESMUS SP.	4.8	0.07	0.07
CYCLOTELLA MENEHINIANA V. PLANA			3.7	0.05	SPHAEROCYSTIS SP.	5.6	0.08	0.08
CYCLOTELLA MENEHINIANA			5.6	0.08	STEPHANODISCUS ALPINUS	39.0	0.54	0.54
CYCLOTELLA MICHIGANIANA			9.3	0.13	STEPHANODISCUS BINDEFANUS	322.8	4.50	4.50
CYCLOTELLA SP.			9.3	0.13	STEPHANODISCUS HANTZSCHII	178.1	2.49	2.49
CYCLOTELLA STELLIGERA			5.6	0.08	STEPHANODISCUS MINUTUS	76.1	1.06	1.06
DIATOMA TENUE V. ELONGATUM			3.7	0.05	STEPHANODISCUS SP.	76.1	1.06	1.06
DIATOMA VULGARE V. BREVE			1.9	0.03	STEPHANODISCUS SUBTILIS	61.2	0.85	0.85
DINOFLLAGELLATES			20.4	0.28	STEPHANODISCUS TENUIS	161.4	2.25	2.25
FLAGELLATES			198.5	2.77	STEPHANODISCUS TRANSILVANICUS	1.9	0.03	0.03
FRAGILARIA CROTONENSIS			738.3	10.30	SURIRELLA ANGUSTA	1.9	0.03	0.03
FRAGILARIA INTERMEDIA			37.1	0.52	SYNEDRA ACUS	1.9	0.03	0.03
FRAGILARIA VAUCHERIAE			1.9	0.03	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	90.9	1.27	1.27
GLOEOCYSTIS SP.			192.9	2.69	SYNEDRA FILIFORMIS	5.6	0.08	0.08
KIRCHNEFFIELLA SP.			1.9	0.03	SYNEDRA RUMPENS	1.9	0.03	0.03
MELOSIRA DISTANS			7.4	0.10	SYNEDRA SP.	5.6	0.08	0.08
MELOSIRA GRANULATA			3984.5	55.61	SYNEDRA TENERA	7.4	0.10	0.10
NAVICULA GASTRUM			1.9	0.03	SYNEDRA ULNA	7.4	0.10	0.10
NAVICULA SP.			5.6	0.08	SYNEDRA ULNA V. CHASEANA	18.5	0.26	0.26
NITZSCHIA AMPHIBIA			1.9	0.03	TABELLARIA FENESTRATA	411.8	5.75	5.75
NITZSCHIA AMPHIBIA V. FOSSILIS			3.7	0.05	TETRAEIRON MINIMUM	1.9	0.03	0.03
NITZSCHIA BACATA			3.7	0.05				
NITZSCFIA CONFINIS			9.3	0.13				
NITZSCHIA FONTICOLA			3.7	0.05				
NITZSCHIA PALFA			1.9	0.03				
					TOTAL	7165.1	100.0	100.0

[illegible]

SDC 5-2	NO. OF FORMS = 41	DIVERSITY = 2.84	SDC 1-0	NO. OF FORMS = 42	DIVERSITY = 2.22
		CELLS/ML PERCENT			CELLS/ML PERCENT
ANKISTRODESMUS SP. #2			ANACYSTIS SP.		3.7 0.09
ASTERIONELLA FORMOSA	1.9	0.16	ASTERIONELLA FORMOSA		118.7 2.76
CHROOCOCCUS LINNETICUS	25.1	2.12	BLUE-GREEN UNKNOWN FILAMENT		18.5 0.43
COSMARUM SP.	38.0	3.22	CERATIUM HIRUNDINELLA		3.7 0.09
CRYPTOMONAS SP.	2.8	0.24	CHPOOCOCCUS SP.		7.4 0.17
CYCLOTOMAS SP.	16.7	1.41	COSMARUM SP.		3.7 0.09
CYCLOTELLA CRYPTICA	0.9	0.08	CRYPTOMONAS SP.		14.8 0.35
CYCLOTELLA KUEZINGIANA	5.6	0.47	CYCLOTELLA CRYPTICA		11.1 3.26
CYCLOTELLA MICHIGANIANA	3.7	0.31	CYCLOTELLA KUEZINGIANA		7.4 3.17
CYCLOTELLA SP.	0.9	0.08	CYCLOTELLA MENEGHINIANA V. PLANA		3.7 0.09
CYCLOTELLA STELLIGERA	2.8	0.24	CYCLOTELLA MENEGHINIANA		3.7 0.09
DINOFLAGELLATES	6.5	0.55	DINOBYRON DIVERGENS		3.7 0.09
FLAGELLATES	209.7	17.73	DINOFLAGELLATES		11.1 0.26
FRAGILARIA CROTONENSIS	143.8	12.16	EUGLENA SP.		3.7 0.09
FRAGILARIA INTERNEDIA	10.2	0.86	FLAGELLATES		118.7 2.76
GOMPHOSPHERA SP.	88.2	7.45	FRAGILARIA CROTONENSIS		218.9 5.09
MELOSIRA GRANULATA	0.9	0.08	FRAGILARIA INTERNEDIA		63.1 1.47
MELOSIRA GRANULATA V. ACUTA	524.3	44.32	GLCOECYSTIS SP.		37.1 0.86
NITZSCHIA ANGUSTATA V. ACUTA	2.7	0.23	GOMPHONEMA PARVULUM		2919.8 67.90
NITZSCHIA BACATA	0.9	0.08	MELOSIRA GRANULATA		3.7 0.09
NITZSCHIA FILIFORMIS	0.9	0.16	NAVICULA SP.		3.7 0.09
NITZSCHIA PALEA	1.9	0.08	NITZSCHIA BACATA		14.8 0.35
NITZSCHIA SP. #7	0.9	0.08	NITZSCHIA PALEA		3.7 0.09
OOCYSTIS SP.	4.6	0.39	NITZSCHIA RECTA		3.7 0.09
SCENEDESMUS SP.	6.5	0.55	NITZSCHIA SP.		3.7 0.09
STEPHANODISCUS ALPINUS	0.9	0.08	OOCYSTIS SP.		26.0 0.60
STEPHANODISCUS ASTRAEA	17.6	1.49	PETIASTRUM DUPLEX		3.7 0.09
STEPHANODISCUS MINUTUS	19.5	1.65	RHICOSPHERIA CURVATA		3.7 0.09
STEPHANODISCUS NIAGARAE	0.9	0.08	STEPHANODISCUS ALPINUS		11.1 0.26
STEPHANODISCUS SP.	0.9	0.08	STEPHANODISCUS BINDERANUS		115.0 2.67
STEPHANODISCUS SUBTILIS	3.7	0.31	STEPHANODISCUS HANTZSCHII		166.9 3.88
STEPHANODISCUS TENUIS	0.9	0.08	STEPHANODISCUS MINUTUS		48.2 1.12
SURIELLA ANGUSTA	5.6	0.47	STEPHANODISCUS SP.		51.9 1.21
SYNEDRA SP.	0.9	0.08	STEPHANODISCUS SUBTILIS		3.7 0.09
SYNEDRA ULNA	3.7	0.31	STEPHANODISCUS TENUIS		29.7 0.69
SYNEDRA ULNA V. CHASEANA	0.9	0.08	STEPHANODISCUS TRANSILVANICUS		3.7 0.09
TABELLARIA FENESTRATA	0.9	0.08	SURIELLA ANGUSTA		7.4 0.17
TETRAPEIRON MINIMUM	1.9	0.16	SYNEDRA FILIFORMIS		3.7 0.09
	17.6	1.49	SYNEDRA SP.		18.5 0.43
	0.9	0.08	SYNEDRA ULNA V. CHASEANA		18.5 0.43
			SYNEDRA VAUCHERIAE V. CAPITELLATA		3.7 0.09
			TABELLARIA FENESTRATA		178.1 4.14
TOTAL	1183.1	100.0	TOTAL	4299.9	100.0

SDC 1-1	NO. OF FORMS = 53	DIVERSITY = 2.65			
			CELLS/ML	PERCENT	
ACHNANTHES SP.			1.9	0.06	NITZSCHIA PALEA
ANABAENA SP.			3.7	0.11	NITZSCHIA SP.
ANKISTRODES MUS SP. #1			1.9	0.06	NITZSCHIA SP. #1
ASTERIONELLA FORMOSA			24.1	0.72	OOCYSTIS SP.
BLUE-GREEN UNKNOWN FILAMENT			14.8	0.44	SCENEDESMUS FALCATUS
CHROOCOCCUS SP.			50.1	1.49	SCENEDESMUS QUADRICAUDA
COCCONEIS SP.			1.9	0.06	SCENEDESMUS SP.
COELOSPHARIUM COLLIMSII			1.9	0.06	SELENASTRUM SP.
COSMARIUM SP.			1.9	0.06	SPHAEROCYSTIS SP.
CRUCIGENIA QUADRATA			37.1	1.10	STEPHANODISCUS ALPINUS
CRYPTOMONAS SP.			7.4	0.22	STEPHANODISCUS ASTRAEA
CYCLOTELLA CRYPTICA			9.3	0.28	STEPHANODISCUS BINDERANUS
CYCLOTELLA KUEITZINGIANA			7.4	0.22	STEPHANODISCUS HANTZSCHII
CYCLOTELLA MICHIGANIANA			3.7	0.11	STEPHANODISCUS MINUTUS
DINOFLAGELLATES			48.2	1.43	STEPHANODISCUS SP.
FLAGELLATES			621.4	18.48	STEPHANODISCUS SUBTILIS
FRAGILARIA CROTONENSIS			315.3	9.38	STEPHANODISCUS TENUIIS
FRAGILARIA INTERMEDIA			7.4	0.22	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA
FRAGILARIA LEPTOSTAUON			1.9	0.06	SYNEDRA FILIFORMIS
GLOEOCYSTIS SP.			122.4	3.64	SYNEDRA MINUSCULA
MELOSIRA DISTANS			3.7	0.11	SYNEDRA PULCHELLA
MELOSIRA GRANULATA			1736.3	51.62	SYNEDRA SP.
NAVICULA SP.			3.7	0.11	SYNEDRA TENERA
NITZSCHIA ACICULARIS			1.9	0.06	SYNEDRA ULNA
NITZSCHIA ANGUSTATA			1.9	0.06	SYNEDRA ULNA V. CHASEANA
NITZSCHIA BACATA			1.9	0.06	TABELLARIA PENESTRATA
NITZSCHIA COMPINIS			5.6	0.17	
					TOTAL 3363.3 100.0
					16.7 0.50
					1.9 0.06
					1.9 0.06
					24.1 0.72
					14.8 0.44
					7.4 0.22
					3.7 0.11
					1.9 0.06
					1.9 0.06
					5.6 0.17
					1.9 0.06
					70.5 2.10
					18.5 0.55
					14.8 0.44
					24.1 0.72
					13.0 0.39
					7.4 0.22
					5.6 0.17
					1.9 0.06
					3.7 0.11
					3.7 0.11
					5.6 0.17
					1.9 0.06
					3.7 0.11
					66.8 1.99

SDC 1-2	NO. OF FORMS = 62	DIVERSITY = 3.09			
			CELLS/ML	PERCENT	
ACTINASTRUM HANTZSCHII V. PLOVIATILE			6.0	0.42	NITZSCHIA ACICULARIS
ANABAENA SP.			0.9	0.07	NITZSCHIA BACATA
ANACYSTIS SP.			0.5	0.03	NITZSCHIA CONFINIS
ANKISTRODESMUS SP. #1			1.4	0.10	NITZSCHIA DISSIPATA
ANKISTRODESMUS SP. #2			2.8	0.20	NITZSCHIA FONTICCLA
ASTERICNELLA FORMOSA			23.7	1.66	NITZSCHIA PALEA
BLUE-GREEN UNKNOWN FILAMENT			4.6	0.33	NITZSCHIA RECTA
CERATIUM HIRUNDINELLA			1.9	0.13	NITZSCHIA SPICULOIDES
CHROOCOCCUS SP.			130.4	9.16	NITZSCHIA SP.
COELOSPHAERIUM COLLINSII			2.8	0.20	NITZSCHIA SP. #1
CRUCIGENIA QUADRATA			19.5	1.37	OOCYSTIS SP.
CRYPTOMONAS SP.			0.9	0.07	SCENEDESMUS BICELLULARIS
CYCLOTELLA COMTA			0.9	0.07	SCENEDESMUS DIMORPHUS
CYCLOTELLA CRYPTICA			1.4	0.10	SCENEDESMUS QUADRICAUDA
CYCLOTELLA KUETZINGIANA			4.6	0.33	SCENEDESMUS SP.
CYCLOTELLA MICHIGANIANA			0.9	0.07	SELENASTRUM SP.
CYCLOTELLA SP.			0.9	0.07	SPHAEROCYSTIS SP.
DIATOMA TENUE V. ELONGATUM			0.5	0.03	STEPHANODISCUS ALPINUS
DINOBRYON DIVERGENS			0.9	0.07	STEPHANODISCUS HANTZSCHII
DINOFLLAGELLATES			33.9	2.38	STEPHANODISCUS MINUTUS
EUGLENA SP.			0.5	0.03	STEPHANODISCUS NIAGARAE
FLAGELLATES			351.7	24.71	STEPHANODISCUS SP.
FRAGILARIA CAPUCINA			0.5	0.03	STEPHANODISCUS SUBTILIS
FRAGILARIA CONSTEUENS V. VENTER			0.5	0.03	STEPHANODISCUS TENUIS
FRAGILARIA CROTONENSIS			192.1	13.50	SYNEDRA ACUS
FRAGILARIA INTERMEDIA			5.1	0.36	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA
GLENODINIUM SP.			0.5	0.03	SYNEDRA SP.
GLOEOCYSTIS SP.			34.3	2.41	SYNEDRA TENERA
GREEN FILAMENT, UNKNOWN			0.5	0.03	SYNEDRA ULNA V. CHASIANA
KIRCHNERIELLA SP.			1.9	0.13	TABELLARIA FENESTRATA
MELOSIRA DISTANS			2.8	0.20	
MELOSIRA GRANULATA			466.3	32.77	
					TOTAL 1423.1 100.0

SDC 2-0	NO. OF FORMS = 28	DIVERSITY = 2.48	CELLS/ML	PERCENT	
ASTERIONELLA FORMOSA			51.9	3.59	
BLUE-GREEN UNKNOWN FILAMENT			18.5	1.28	
CHROOCOCCUS SP.			66.8	4.61	
CYCLOTELLA CRYPTICA			3.7	0.26	
CYCLOTELLA KUEITZINGIANA			3.7	0.26	
CYCLOTELLA SP.			3.7	0.26	
DIATOMA VULGARE			3.7	0.26	
EUGLENA SP.			3.7	0.26	
FLAGELLATES			11.1	0.77	
FRAGILARIA CROTONENSIS			37.1	2.56	
GLOEOPHYTIS SP.			48.2	3.33	
MELOSIRA GRANULATA			897.8	62.03	
NAVICULA SP.			3.7	0.26	
NITZSCHIA BACATA			3.7	0.26	
SCENEDESMUS RICEILLULARIS			7.8	0.54	
SCENEDESMUS QUADRICAUDA			29.7	2.05	
STEPHANODISCUS ALPINUS			14.8	1.03	
STEPHANODISCUS BINDERANUS			29.7	2.05	
STEPHANODISCUS HANTZSCHII			66.8	4.61	
STEPHANODISCUS MINUTUS			18.5	1.28	
STEPHANODISCUS SP.			26.0	1.79	
STEPHANODISCUS TENUIIS			3.7	0.26	
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA			7.4	0.51	
SYNEDRA DENERARAE			3.7	0.26	
SYNEDRA MINUSCULA			3.7	0.26	
SYNEDRA TENERA			3.7	0.26	
TABELLARIA FENESTRATA			70.5	4.87	
TETRAEDRON MINIMUM			3.7	0.26	
TOTAL		100.0	1447.3		
SDC 2-1	NO. OF FORMS = 66	DIVERSITY = 3.04	CELLS/ML	PERCENT	
ACTINASTROM HANTZSCHII V. PLUVIATILE			13.0	0.39	
AMEPHORA OVALIS			0.9	0.03	
ANABAENA SP.			2.8	0.08	
ANKISTODESMUS SP. #3			1.9	0.06	
ASTERIONELLA FORMOSA			80.7	2.42	
BLUE-GREEN UNKNOWN FILAMENT			6.5	0.19	
CERATICH HIRUNDINELLA			0.9	0.03	
CHROOCOCCUS SP.			109.5	3.28	
CLOSTEROPSIS SP.			0.9	0.03	
COELOSPHAERIUM COLLINSII			0.9	0.03	
CRUCIGENIA QUADRATA			26.9	0.81	
CYCLOTELLA CRYPTICA			8.4	0.25	

SDC 2-3	NO. OF FORMS = 43	DIVERSITY = 2.90	SDC 4-0	NO. OF FORMS = 33	DIVERSITY = 3.21		
		CELLS/ML	PERCENT			CELLS/ML	PERCENT
ANABAENA SP.		0.9	0.09	ASTERIONELLA FORMOSA		37.1	2.21
ANACYSTIS SP.		3.7	0.36	BLUE-GREEN UNKNOWN FILAMENT		3.7	0.22
ANKISTODESMUS SP. #3		1.9	0.18	CHROOCOCCUS SP.		48.2	2.88
ASTERIONELLA FORMOSA		18.6	1.78	COSMARIUM SP.		3.7	0.22
BLUE-GREEN UNKNOWN FILAMENT		1.9	0.18	CRYPTOMONAS SP.		3.7	0.22
CHROOCOCCUS SP.		106.7	10.23	CYCLOTELLA MENECHINIANA		3.7	0.22
CRYPTOMONAS SP.		0.9	0.09	DINOFLAGELLATES		33.4	1.99
CYCLOTELLA COMTA		0.9	0.09	FLAGELLATES		285.7	17.04
CYCLOTELLA CRYPTICA		0.9	0.09	FRAGILARIA CROTONENSIS		103.9	6.19
CYCLOTELLA KUEZINGIANA		2.8	0.27	GLCEOCYSTIS SP.		115.0	6.86
CYCLOTELLA MICHIGANIANA		0.9	0.09	GREEN FILAMENT, UNKNOWN		7.4	0.44
CYCLOTELLA SP.		0.9	0.09	MELOSIFA GRANULATA		675.2	40.27
DIATOMA TENUE V. ELONGATUM		0.9	0.09	NAVICULA SP.		3.7	0.22
DINOFLAGELLATES		35.3	3.38	NITZSCHIA CONFINIS		7.4	0.44
FLAGELIATES		438.9	42.08	NITZSCHIA FONTICOLA		3.7	0.22
FRAGILARIA CROTONENSIS		88.2	8.45	OOCYSTIS SP.		3.7	0.22
GLOFOCYSTIS SP.		19.5	1.87	SCFNEDESMUS DIMORPHUS		14.8	0.88
GREEN FILAMENT, UNKNOWN		1.9	0.18	SCFNEDESMUS QUAPRICAUCA		14.8	0.88
KIRCHNERIELLA SP.		1.9	0.18	SCENEDESMUS SP.		29.7	1.77
MELOSIFA GRANULATA		203.2	19.48	STEPHANODISCUS ALPINUS		7.4	0.44
NITZSCHIA BACATA		0.9	0.09	STEPHANODISCUS BINDERANUS		14.8	0.88
NITZSCHIA CONFINIS		0.9	0.09	STEPHANODISCUS HANTZSCHII		77.9	4.65
NITZSCHIA PALEA		0.9	0.09	STEPHANODISCUS MINUTUS		22.3	1.33
NITZSCHIA PALEACEA		0.9	0.09	STEPHANODISCUS SP.		37.1	2.21
NITZSCHIA SP.		0.9	0.09	STEPHANODISCUS SUBTILIS		7.4	0.44
NITZSCHIA SP. #1		2.8	0.27	STEPHANODISCUS TENUIS		7.4	0.44
OOCYSTIS SP.		20.4	1.96	SYNEDRA ACUS		3.7	0.22
SCENEDESMUS BICELLULARIS		1.9	0.18	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA		14.8	0.88
SCENEDESMUS DIMORPHUS		3.7	0.36	SYNEDRA SP.		3.7	0.22
SCENEDESMUS FALCATUS		7.4	0.71	SYNEDRA TENERA		3.7	0.22
SCENEDESMUS QUADRICAUDA		5.6	0.53	SYNEDRA ULNA		3.7	0.22
SCENEDESMUS SP.		3.7	0.36	SYNEDRA ULNA V. CHASEANA		3.7	0.22
STEPHANODISCUS ALPINUS		3.7	0.36	TABELLARIA FENESTRATA		70.5	4.20
STEPHANODISCUS HANTZSCHII		0.9	0.09				
STEPHANODISCUS MINUTUS		14.8	1.42				
STEPHANODISCUS SP.		5.6	0.53				
SURELLA ANGUSTA		0.9	0.09				
SYNFDPA ACUS		0.9	0.09				
SYNPDPA DEMERARAE		0.9	0.09				
SYNEDRA SP.		0.9	0.09				
SYNEDRA TENERA		1.9	0.18				
SYNEDRA ULNA		0.9	0.09				
TABELLARIA FENESTRATA		30.6	2.94				
TOTAL		1043.1	100.0	TOTAL		1676.9	100.0

SDC 4-1	NO. OF FORMS = 51	DIVERSITY = 2.58	SDC 4-3	NO. OF FORMS = 40	DIVERSITY = 3.10
		CELLS/ML PERCENT			CELLS/ML PERCENT
ACTINASTRUM HANTZSCHII V. FLUVIATILE					
AMPHOTA OVALIS	14.8	0.74	ANABAENA SP.		0.5
ANABAENA SP.	1.9	0.09	ANKISTRODESMUS SP. #1		0.9
ANKISTRODESMUS SP. #1	1.9	0.09	ANKISTRODESMUS SP. #3		0.9
ASTERIONELLA FORMOSA	25.1	0.05	ASTERIONELLA FORMOSA		20.4
BLUF-GREEN UNKNOWN FILAMENT	7.4	1.24	BLUF-GREEN UNKNOWN FILAMENT		0.5
CERATIUM HIRUNDINELLA	90.0	0.37	CERATIUM HIRUNDINELLA		0.9
CHROOCOCCLUS SP.	3.7	0.05	CHROOCOCCLUS SP.		136.4
CRUCIGENIA QUADRATA	0.9	4.47	COELOSPHAERIUM COLLINSII		4.6
CYCLotella COMTA	0.9	0.18	CRUCIGENIA QUADRATA		11.1
CYCLotella CRYPTICA	7.4	0.05	CRYPTOMONAS SP.		4.2
CYCLotella KUEZINGIANA	5.6	0.37	CYCLotella COMTA		0.5
CYCLotella MICHIGANIANA	1.9	0.28	CYCLotella KUEZINGIANA		0.06
CYCLotella MICHIGANIANA	2.8	0.09	CYCLotella MICHIGANIANA		2.8
CYCLotella SP.	2.8	0.09	DINOFAGELLATES		0.5
DIATOMA TENUE V. ELONGATUM	1.9	0.14	FRAGILARIA		16.7
DINOFAGELLATES	33.4	0.14	FRAGILARIA CROTONENSIS		254.3
EUGLENA SP.	0.9	0.09	GLCEOCYSTIS SP.		79.3
FRAGILARIA	355.4	1.66	GLCEOCYSTIS SP.		36.7
FRAGILARIA CONSTRUENS V. VENTER	0.9	0.05	GREPN FILAMENT, UNKNOWN		1.9
FRAGILARIA CROTONENSIS	0.9	0.05	MELOSIFA GRANULATA		78.0
GLCEOCYSTIS SP.	125.3	17.66	NITZSCHIA BACATA		0.5
MELOSIPA GRANULATA	61.2	0.05	NITZSCHIA CAPITELLATA		0.5
NAVICULA CRYPTOCEPHALA	1098.8	6.22	NITZSCHIA CONFINIS		0.9
NAVICULA PLATYSTCHA	0.9	3.04	NITZSCHIA CONFINIS		1.4
NITZSCHIA ACICULARIS	0.9	54.59	NITZSCHIA FONTICOLA		0.9
NITZSCHIA BACATA	0.9	0.05	NITZSCHIA SP. #1		0.12
NITZSCHIA CAPITELLATA	0.9	0.05	NITZSCHIA SP.		1.4
NITZSCHIA CONFINIS	1.9	0.05	OCYSTIS SP.		13.0
NITZSCHIA FONTICOLA	3.7	0.05	RHIZOSCLFNIA ERIENSIS		0.5
NITZSCHIA PALEA	1.9	0.05	SCENEDESMUS SP.		0.9
NITZSCHIA SP.	4.6	0.09	SCENEDESMUS SP.		2.3
OCYSTIS SP.	16.7	0.23	STEPHANODISCUS ALPINUS		1.9
SCENEDESMUS BICELLULARIS	3.7	0.18	STEPHANODISCUS HANTZSCHII		4.6
SCENEDESMUS QUADRICAUDA	7.4	0.09	STEPHANODISCUS MINUTUS		1.9
SCENEDESMUS SP.	3.7	0.83	STEPHANODISCUS SP.		0.5
STAUASTRUM SP.	0.9	0.18	STEPHANODISCUS SUBTILIS		0.5
STEPHANODISCUS ALPINUS	8.4	0.37	SYNEDRA FILIPORHIS		0.9
STEPHANODISCUS ASTRAEA	1.9	0.18	SYNEDRA MINUSCULA		0.5
STEPHANODISCUS BINDERANUS	11.1	0.05	SYNEDRA SP.		0.5
STEPHANODISCUS HANTZSCHII	21.3	0.05	SYNEDRA TENERA		1.4
STEPHANODISCUS MINUTUS	25.1	0.09	SYNEDRA ULNA V. CHASIANA		1.4
STEPHANODISCUS SP.	8.4	0.55	TABELLARIA FENESTRATA		57.5
STEPHANODISCUS SUBTILIS	3.7	1.06	TETRAEDRON MINIMUM		0.5
STEPHANODISCUS TENUIIS	2.8	1.24			
SURIELLA ANGUSTA	0.9	0.41			
SYNEDRA ACUS	1.9	0.18			
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.7	0.05			
SYNEDRA TENERA	2.8	0.09			
SYNEDRA ULNA V. CHASIANA	4.6	0.18			
TABELLARIA FENESTRATA	21.3	0.14			
		0.23			
		1.06			
TOTAL	2012.8	100.0	TOTAL	744.7	100.0

SDC 7-3	NO. OF FORMS = 69	DIVERSITY = 3.19			
			CELLS/ML	PERCENT	
ACHNANTHES SP.			0.5	0.03	MELOSIRA GRANULATA
AMEHIPFORA ORNATA			0.5	0.03	NAVICULA CAPITATA
AMPHORA OVALIS			0.5	0.03	NITZSCHIA ACICULARIS
AMPHORA SP.			0.5	0.03	NITZSCHIA BACATA
ANABAENA SP.			0.9	0.06	NITZSCHIA CAPITELLATA
ANKISTODESMUS FALCATUS			0.5	0.03	NITZSCHIA CONFINIS
ANKISTRODESMUS SP. #1			1.9	0.12	NITZSCHIA FONTICOLA
ANKISTRODESMUS SP. #3			0.9	0.06	NITZSCHIA PALEA
ASTERIONELLA FORMOSA			42.7	2.70	NITZSCHIA PALEACEA
BLUE-GREEN UNKNOWN FILAMENT			6.5	0.41	NITZSCHIA PARVULA
CHLAMYDOMONAS SP.			1.4	0.09	NITZSCHIA RECTA
CHEOCCCCUS SP.			90.9	5.75	NITZSCHIA SP. #1
CLOSTERIOPSIS LONGISSIMA			0.5	0.03	OOCYSTIS SP.
COELOSOPHAERIUM COLLINSII			8.4	0.53	SCENEDESMUS ABUNDANS
CRUCIGENIA QUADRATA			39.0	2.47	SCENEDESMUS BICELLULARIS
CRYPTOMONAS SP.			6.5	0.41	SCENEDESMUS DIMORPHUS
CYCLOTELLA COMTA			0.5	0.03	SCENEDESMUS QUADRICAUDA
CYCLOTELLA KUEZINGIANA			0.9	0.06	SPHAEROCYSTIS SP.
CYCLOTELLA MENEHINIANA			2.8	0.18	STEPHANODISCUS ALPINUS
CYCLOTELLA NICHIGANIANA			0.5	0.03	STEPHANODISCUS ASTRAEA
CYCLOTELLA SP.			0.5	0.03	STEPHANODISCUS BINDERANUS
CYNATOFLEURA SOLIA			0.9	0.06	STEPHANODISCUS HANTZSCHII
CYMBELLA VENTRICOSA			0.5	0.03	STEPHANODISCUS MINUTUS
DIATOMA TENUE V. ELONGATUM			0.9	0.06	STEPHANODISCUS SP.
DINOFLAGELLATES			26.4	1.67	STEPHANODISCUS SUBTILIS
FLAGELLATES			249.6	15.79	SYNEDRA ACUS
FRAGILARIA CONSTRUENS			0.5	0.03	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA
FRAGILARIA CONSTRUENS V. PUMILA			0.9	0.06	SYNEDRA FILIFORMIS
FRAGILARIA CROTONENSIS			237.6	15.03	SYNEDRA SP.
FRAGILARIA INTERMEDIA			3.7	0.23	SYNEDRA ULNA
GLOEOCYSTIS SP.			22.7	1.44	TABELLARIA FENESTRATA
GREEN FILAMENT, UNKNOWN			1.4	0.09	TETRAECRON CAUDATUM V. LONGISPINA
GYROSIGMA ACUMINATUM			0.5	0.03	
KIRCHNERIELLA SP.			0.9	0.06	
MELOSIRA DISTANS			2.3	0.15	
					TOTAL
					1580.8
					100.0
					602.7
					38.13
					0.5
					0.03
					1.9
					0.12
					1.4
					0.09
					1.9
					0.12
					0.29
					4.6
					1.9
					0.12
					1.9
					6.0
					0.38
					0.5
					0.03
					0.03
					0.06
					0.06
					0.29
					0.18
					2.8
					4.6
					13.0
					6.5
					3.7
					0.23
					3.2
					0.21
					7.9
					0.50
					0.03
					0.44
					0.03
					9.7
					0.62
					8.4
					0.53
					12.5
					0.79
					2.8
					0.18
					3.2
					0.21
					2.3
					0.15
					3.2
					0.21
					1.9
					0.12
					0.06
					0.9
					0.06
					0.5
					106.3
					6.72
					0.03

SDC 7-5	NO. OF FORMS = 38	DIVERSITY = 2.31	CELLS/ML	PERCENT
ANABAENA SP.			2.8	0.25
ANACYSTIS SP.			3.2	0.29
ANKISTODESMUS SP. #1			0.5	0.04
ANKISTODESMUS SP. #3			0.9	0.08
ASTERIONELLA FORMOSA			11.6	1.02
CERATIUM HIRUNDINELLA			0.5	0.04
CHROOCOCCUS SP.			559.6	49.35
COELOSPHAERIUM COLLINSII			1.9	0.16
CRUCIGENIA QUADRATA			9.3	0.82
CRYPTOMONAS SP.			1.9	0.16
CYCLOTELLA COMTA			0.5	0.04
CYCLOTELLA CRYPTICA			1.4	0.12
CYCLOTELLA KUEZINGIANA			4.2	0.37
CYCLOTELLA SP.			0.9	0.08
CYCLOTELLA STELLIGERA			1.4	0.12
DINOFLAGELLATES			31.1	2.74
FLAGELLATES			329.4	29.05
FRAGILARIA CROTONENSIS			24.6	2.17
GLOEOCYSTIS SP.			26.4	2.33
MELOSIRA DISTANS			0.9	0.08
MELOSIRA GRANULATA			45.9	4.05
NITZSCHIA BACATA			0.5	0.04
NITZSCHIA FONTICOLA			0.9	0.08
NITZSCHIA PALEA			0.5	0.04
NITZSCHIA RECTA			0.5	0.04
NITZSCHIA SP. #1			13.5	1.19
OOCYSTIS SP.			2.8	0.25
SCENEDESMUS QUADRICAUDA			0.9	0.08
SCENEDESMUS SP.			0.5	0.04
SPHAEROCYSTIS SP.			1.4	0.12
STEPHANODISCUS ALPINUS			2.8	0.25
STEPHANODISCUS HANTZSCHII			11.1	0.98
STEPHANODISCUS MINUTUS			0.5	0.04
STEPHANODISCUS SP.			0.5	0.04
SYNEDRA TENERA			1.4	0.12
SYNEDRA ULNA V. CHASEANA			36.7	3.23
TABELLARIA PENESTRATA			0.5	0.04
TETRAECRON MINIMUM				
TOTAL			1134.0	100.0

DC-4	NO.OF FORMS = 34	DIVERSITY = 3.29	CELLS/ML	PERCENT
ANKISTRODESMUS FALCATUS		1.9	0.17	
ASTERIONELLA FORMOSA		11.1	0.99	
BLUE-GREEN UNKNOWN FILAMENT		9.3	0.83	
CRYPTOMONAS SP.		7.4	0.66	
CYCLOTELLA KUETZINGIANA		1.9	0.17	
CYCLOTELLA MICHIGANIANA		1.9	0.17	
CYCLOTELLA SP.		27.8	2.48	
CYCLOTELLA STELLIGERA		20.4	1.82	
CYCLOTELLA ATOMUS		309.8	27.60	
FRAGILARIA CROTONOPHYSIS		24.1	2.15	
GLENODINIUM SP.		11.1	0.99	
GLOFOCYSTIS PLANCTONICA		7.4	0.66	
GLOFOCYSTIS SP.		81.6	7.27	
MELOSIRA GRANULATA		27.8	2.48	
MELOSIRA ISLANDICA		33.4	2.98	
NITZSCHIA PALEA		3.7	0.33	
NITZSCHIA SPICULOIDES		1.9	0.17	
RHIZOSOLENIA ERIENSIS		1.9	0.17	
RHIZOSOLENIA GRACILIS		1.9	0.17	
RHOICOSPHENIA CURVATA		1.9	0.17	
SCENEDESMUS BICELLULARIS		3.7	0.33	
STEPHANODISCUS ALPINUS		7.4	0.66	
STEPHANODISCUS BINDERANUS		9.3	0.83	
STEPHANODISCUS HANTZSCHII		14.8	1.32	
STEPHANODISCUS MINUTUS		324.6	28.93	
STEPHANODISCUS SP.		74.2	6.61	
STEPHANODISCUS TRANSILVANICUS		5.6	0.50	
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA		11.1	0.99	
SYNEDRA FILIFORMIS		5.6	0.50	
SYNEDRA MINUSCULA		1.9	0.17	
SYNEDRA OSTENFELDII		1.9	0.17	
SYNEDRA SP.		1.9	0.17	
SYNEDRA ULNA V. CHASEANA		1.9	0.17	
TABELLARIA PENESTRATA V. INTERMEDIA		70.5	6.28	
TOTAL		1122.3	100.0	

DC-5	NO.OF FORMS = 51	DIVERSITY = 3.32	CELLS/ML	PERCENT
ANKISTRODESMUS FALCATUS		0.5	0.07	
ANKISTRODESMUS SP. #1		0.9	0.14	
ANKISTRODESMUS SP. #3		1.9	0.27	
ASTERIONELLA FORMOSA		31.6	4.59	
BLUE-GREEN UNKNOWN FILAMENT		1.9	0.27	
CRYPTOMONAS SP.		13.0	1.89	
CYCLOTELLA ATOMUS		0.5	0.07	
CYCLOTELLA CRYPTICA		0.5	0.07	
CYCLOTELLA GLOMERATA		1.9	0.27	
CYCLOTELLA KUETZINGIANA		2.3	0.34	
CYCLOTELLA MICHIGANIANA		0.9	0.14	
CYCLOTELLA SP.		9.7	1.42	
CYCLOTELLA STELLIGERA		11.1	1.62	
DIATOMA TENUE V. ELONGATUM		0.9	0.14	
DIATOMA VULGARE V. BREVE		0.5	0.07	
DINOFAGELLATES		4.6	0.68	
FLAGELLATES		283.0	41.22	
FRAGILARIA CROTONENSIS		30.2	4.39	
FRAGILARIA INTERMEDIA		6.5	0.95	
GLENODINIUM SP.		5.6	0.81	
GLOFOCYSTIS SP.		24.1	3.51	
GREFN FILAMENT, UNKNOWN		0.5	0.07	
MELOSIRA GRANULATA		37.1	5.41	
MELOSIRA ISLANDICA		12.5	1.82	
NITZSCHIA ACICULARIS		0.5	0.07	
NITZSCHIA BACATA		2.3	0.34	
NITZSCHIA CAPITELLATA		0.5	0.07	
NITZSCHIA CONFINIS		0.5	0.07	
NITZSCHIA PALEA		0.5	0.07	
NITZSCHIA SPICULOIDES		0.9	0.14	
NITZSCHIA SP.		0.5	0.07	
OOCYSTIS SP.		3.2	0.47	
PHACUS SP.		0.5	0.07	
SCENEDESMUS BICELLULARIS		1.9	0.27	
STEPHANODISCUS ALPINUS		1.9	0.27	
STEPHANODISCUS ASTRAEA		0.5	0.07	
STEPHANODISCUS BINDERANUS		5.1	0.74	
STEPHANODISCUS HANTZSCHII		1.9	0.27	
STEPHANODISCUS MINUTUS		110.0	16.01	
STEPHANODISCUS SP.		38.0	5.68	
STEPHANODISCUS SUBTILIS		3.2	0.47	
STEPHANODISCUS TENDIS		0.9	0.14	
STEPHANODISCUS TRANSILVANICUS		0.9	0.14	
SUREFELLA ANGUSTA		0.5	0.07	
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA		7.0	1.01	
SYNEDRA FILIFORMIS		2.8	0.41	
SYNEDRA OSTENFELDII		1.9	0.27	
SYNEDRA SP.		0.5	0.07	
SYNEDRA TENERA		0.9	0.14	
SYNEDRA ULNA V. CHASEANA		0.9	0.14	
TABELLARIA PENESTRATA V. INTERMEDIA		15.8	2.30	
TOTAL		686.7	100.0	

DC-6	NO. OF FORMS = 54	DIVERSITY = 3.46
	CELLS/ML	PERCENT
ANKISTRODESMTS PALCATUS	0.5	0.05
ANKISTRODESMTS SP. #1	1.9	0.18
ANKISTRODESMTS SP. #3	2.8	0.28
ASTERIONELLA FORMOSA	19.5	1.94
BLUE-GREEN UNKNOWN FILAMENT	3.2	0.32
CLOSTERIOPSIS LONGISSIMA	0.5	0.05
CRYPTOMONAS SP.	7.0	0.69
CYCLOTELLA AROMUS	3.2	0.32
CYCLOTELLA CRYPTICA	4.2	0.42
CYCLOTELLA KUETZINGIANA	6.5	0.65
CYCLOTELLA MICHIGANIANA	6.5	0.65
CYCLOTELLA OCELLATA	0.5	0.05
CYCLOTELLA PSEUDOSTELLIGERA	1.4	0.14
CYCLOTELLA SP.	44.5	4.43
CYCLOTELLA STELLIGERA	51.5	5.12
CYCLOTELLA TEMPEREI	0.5	0.05
CYMATOPLEURA SOLEA V. APICULATA	0.5	0.05
DIATOMA TENUE V. ELONGATUM	0.5	0.05
DINOPHYCELLATES	1.9	0.18
FLAGELLATES	239.4	23.80
FRAGILARIA CROTONENSIS	5.1	0.51
FRAGILARIA INTERMEDIA	10.7	1.06
GLENODINIUM SP.	4.2	0.42
GLOEOCYSTIS SP.	7.4	0.74
HELOSIRA GRANULATA	44.5	4.43
HELOSIRA ISLANDICA	17.2	1.71
NAVICULA LAUCZOLATA	0.5	0.05
NITZSCHIA ACICULARIS	0.9	0.09
NITZSCHIA BACATA	4.2	0.42
NITZSCHIA CAPITELLATA	0.5	0.05
NITZSCHIA CONFINIS	2.3	0.23
NITZSCHIA DISSIPATA	0.9	0.09
NITZSCHIA PALEA	0.9	0.09
NITZSCHIA RECTA	0.5	0.05
NITZSCHIA SPICULOIDES	1.4	0.14
NITZSCHIA SP.	0.5	0.05
OOCYSTIS SP.	5.6	0.55
SCENEDESMTS BICELLULARIS	3.7	0.37
STEPHANODISCUS ALPINUS	13.5	1.34
STEPHANODISCUS ASTRAVA	0.9	0.09
STEPHANODISCUS BINDERANUS	4.2	0.42
STEPHANODISCUS HANTZSCHII	19.0	1.89
STEPHANODISCUS MINUTUS	295.1	29.34
STEPHANODISCUS SP.	119.2	11.85
STEPHANODISCUS SUBTILIS	4.2	0.42
STEPHANODISCUS TENNIS	1.9	0.18
SURIRELLA ANGSTA	0.5	0.05
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.2	0.32
SYNEDRA PILIFORMIS	5.6	0.55
SYNEDRA OSTENFELDII	1.9	0.18
SYNEDRA SP.	0.5	0.05
SYNEDRA TENERA	2.8	0.28
SYNEDRA ULNA V. CHASPANA	0.9	0.09
TABELLARIA PENESTRATA	25.5	2.54
TOTAL	1005.9	100.0

NDC 1-0	NO. OF FORMS = 39	DIVERSITY = 3.83	NDC 1-1	NO. OF FORMS = 29	DIVERSITY = 3.15
ANKISTRODESCHUS FALCATUS	CELLS/ML	PERCENT	ASTERIONELLA FORMOSA	CELLS/ML	PERCENT
ANKISTRODESCHUS SP. #1	5.6	0.35	CRYPTOMONAS SP.	3.7	0.57
ASTERIONELLA FORMOSA	2.8	0.17	CYCLOTELLA KUETZINGIANA	13.0	2.01
CHROOCOCCUS SP.	64.0	3.97	CYCLOTELLA HICHIGAMIANA	1.9	0.29
CRYPTOMONAS SP.	5.6	0.35	CYCLOTELLA OCELLATA	1.9	0.29
CYCLOTELLA ATRHUS	8.3	0.52	CYCLOTELLA SP.	1.9	0.29
CYCLOTELLA CRYPTICA	5.6	0.35	CYCLOTELLA STELLIGERA	13.0	2.01
CYCLOTELLA GLOMERATA	11.1	0.69	CYCLOTELLA TENUE V. PACHYCEPHALUM	20.4	3.15
CYCLOTELLA KUETZINGIANA	5.6	0.35	FLAGELLATES	118.7	18.34
CYCLOTELLA PSEUDOSTELLIGERA	22.3	1.38	FRAGILARIA CROTONENSIS	22.3	3.44
CYCLOTELLA SP.	25.0	1.55	FRAGILARIA INTERMEDIA	27.8	4.30
CYCLOTELLA STELLIGERA	55.7	3.45	GLOFOCYSITIS SP.	5.6	0.86
DIATOMA TENUE V. ELONGATUM	2.8	0.17	MELOSIRA ISLANDICA	3.7	0.57
FLAGELLATES	225.4	13.99	MELOSIRA ITALICA	14.8	2.29
FRAGILARIA CROTONENSIS	253.3	15.72	KITZSCHIA BACATA	1.9	0.29
GLENODINUM SP.	11.1	0.69	KITZSCHIA CONFINIS	3.7	0.57
GLOFOCYSITIS SP.	253.3	15.72	NITZSCHIA SPICULOIDES	3.7	0.57
GOMPHONEMA OLIVACEUM	2.8	0.17	SCENEDSMUS BICELLULARIS	7.4	1.15
GREEN FILAMENT, UNKNOWN	2.8	0.17	STEPHANODISCUS ALPINUS	7.4	1.15
MELOSIRA GRANULATA	105.8	6.56	STEPHANODISCUS BINDERANUS	5.6	0.86
MELOSIRA ISLANDICA	25.0	1.55	STEPHANODISCUS MINUTUS	178.1	27.51
NITZSCHIA ACUTA	2.8	0.17	STEPHANODISCUS SP.	166.9	25.79
NITZSCHIA BACATA	5.6	0.35	STEPHANODISCUS TRANSILVANICUS	1.9	0.29
NITZSCHIA CONFINIS	2.8	0.17	SURIPPELLA ANGUSTA	1.9	0.29
NITZSCHIA PALEA	5.6	0.35	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.9	0.29
OOCYSTIS SP.	5.6	0.35	SYNEDRA FILIFORMIS	5.6	0.86
STEPHANODISCUS ALPINUS	11.1	0.69	SYNEDRA OSTENFELDII	1.9	0.29
STEPHANODISCUS BINDERANUS	128.0	7.94	SYNEDRA TENERA	3.7	0.57
STEPHANODISCUS HANTZSCHII	11.1	0.69	TABELLARIA FENESTRATA V. INTERMEDIA	5.6	0.86
STEPHANODISCUS MINUTUS	203.2	12.61			
STEPHANODISCUS NIAGARA	2.8	0.17			
STEPHANODISCUS SP.	36.2	2.25			
SURIPPELLA ANGUSTA	5.6	0.35			
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	2.8	0.17			
SYNEDRA FILIFORMIS	11.1	0.69			
SYNEDRA SP.	2.8	0.17			
SYNEDRA ULNA V. CHASBANA	2.8	0.17			
TABELLARIA FENESTRATA V. INTERMEDIA	66.8	4.15			
TOTAL	1611.4	100.0			
				TOTAL	647.4
					100.0

NDC 1-2		NO. OF FORMS = 52		DIVERSITY = 3.91	
		CELLS/ML	PERCENT		
APPORA OVALIS		0.4	0.06		
ANKISTRODESMUS PALCATUS		3.3	0.50		
ANKISTRODESMUS SP.		2.5	0.37		
ASTERIONELLA FORMOSA		14.1	2.11		
ASTERIONELLA GRACILLIMA		2.5	0.37		
CHLAMYDOMONAS SP.		104.7	15.72		
CRYPTOMONAS SP.		6.2	0.93		
CYCLOTELLA ATCHUS		0.8	0.12		
CYCLOTELLA KUETZINGIANA		0.4	0.06		
CYCLOTELLA KNETZINGIANA		1.2	0.19		
CYCLOTELLA MICHIGANIANA		2.1	0.31		
CYCLOTELLA SP.		121.7	18.27		
CYCLOTELLA STELLIGERA		2.9	0.44		
CYMATOPEURA SOLEA		0.4	0.06		
DIATOMA TENUE		0.4	0.06		
DIATOMA TENUE V. ELONGATUM		1.7	0.25		
DIATOMA TENUE V. PACHYCEPHALUM		1.2	0.19		
FLAGELLATES		4.6	0.68		
FRAGILARIA CAPUCINA		8.7	1.31		
FRAGILARIA CROTONENSIS		22.8	3.42		
GREEN COLONY, UNKNOWN		0.8	0.12		
MELOSIRA GRANULATA		5.8	0.87		
MELOSIRA GRANULATA V. ANGUSTISSIMA		12.8	1.93		
MELOSIRA ISLANDICA		61.7	9.26		
MELOSIRA ITALICA SUBSP. SUBARCTICA		70.8	10.63		
NAVICULA SP.		0.4	0.06		
NAVICULA TRIPUNCTATA		0.4	0.06		
NITZSCHIA HUNGARICA		0.4	0.06		
NITZSCHIA LINEARIS		0.8	0.12		
NITZSCHIA SP.		5.8	0.87		
OCCYSTIS SP.		0.8	0.12		
OSCILLATORIA SP.		2.1	0.31		
PINNULARIA SP.		0.4	0.06		
PHYZOSOLENIA ERIENSIS		0.4	0.06		
PHYZOSOLENIA LONGISETA		2.1	0.31		
STEPHANODISCUS ALPINUS		8.3	1.24		
STEPHANODISCUS BINDERANUS		59.6	8.95		
STEPHANODISCUS HANTZSCHII		10.8	1.62		
STEPHANODISCUS MINUTUS		69.6	10.44		
STEPHANODISCUS SP.		13.2	1.99		
STEPHANODISCUS TENNIS		2.5	0.37		
STEPHANODISCUS TRANSILVANICUS		1.2	0.19		
SYNEDRA ACUS		0.4	0.06		
SYNEDRA DELICATISSIMA		1.2	0.19		
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA		8.3	1.24		
SYNEDRA FILIFORMIS		0.4	0.06		
SYNEDRA OSTENFELDII		0.4	0.06		
SYNEDRA SP.		3.7	0.56		
SYNEDRA ULNA		0.8	0.12		
SYNEDRA ULNA V. CHASEANA		0.4	0.06		
SYNEDRA ULNA V. DANICA		0.4	0.06		
TABELLARIA FENESTRATA		16.6	2.49		
TOTAL		666.1	100.0		

NDC 2-0		NO. OF FORMS = 37		DIVERSITY = 3.43	
		CELLS/ML	PERCENT		
ACHMANTHES SP.		2.8	0.19		
ASTERIONELLA FORMOSA		27.8	1.88		
BLUE-GREEN UNKNOWN FILAMENT		2.8	0.19		
CRYPTOMONAS SP.		11.1	0.75		
CYCLOTELLA CRYPTICA		2.8	0.19		
CYCLOTELLA MICHIGANIANA		8.3	0.56		
CYCLOTELLA PSEUDOSTELLIGERA		2.8	0.19		
CYCLOTELLA SP.		44.5	3.01		
CYCLOTELLA STELLIGERA		16.7	1.13		
DIATOMA TENUE V. ELONGATUM		2.8	0.19		
DINOFAGELLATES		8.3	0.56		
EUNOTIA SP.		2.8	0.19		
FLAGELLATES		169.8	11.47		
FRAGILARIA CROTONENSIS		94.6	6.39		
FRAGILARIA INTERMEDIA		36.2	2.44		
GLENODINIUM SP.		13.9	0.94		
GLOEOCYSTIS SP.		69.6	4.70		
MELOSIRA GRANULATA		114.1	7.71		
MELOSIRA ISLANDICA		41.7	2.82		
NITZSCHIA ACICULARIS		5.6	0.38		
NITZSCHIA ACICULAROIDES		2.8	0.19		
NITZSCHIA BACATA		13.9	0.94		
NITZSCHIA PALEA		2.8	0.19		
NITZSCHIA SP.		2.8	0.19		
PHYZOSOLENIA ERIENSIS		2.8	0.19		
PHYZOSOLENIA GRACILIS		2.8	0.19		
SCENEDESMUS QUADRICAUDA		11.1	0.75		
STEPHANODISCUS ALPINUS		13.9	0.94		
STEPHANODISCUS BINDERANUS		19.5	1.32		
STEPHANODISCUS HANTZSCHII		19.5	1.32		
STEPHANODISCUS MINUTUS		567.7	38.35		
STEPHANODISCUS SP.		116.9	7.89		
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA		5.6	0.38		
SYNEDRA FILIFORMIS		8.3	0.56		
SYNEDRA OSTENFELDII		2.8	0.19		
SYNEDRA SP.		5.6	0.38		
SYNEDRA ULNA V. CHASEANA		2.8	0.19		
TOTAL		1480.6	100.0		

NDC 2-1	NO. OF FORMS = 47	CELLS/ML	PERCENT	DIVERSITY = 3.85
AMPHORA HEMICYCLA		1.9	0.10	
AMPHORA OVALIS V. PEDICULUS		1.9	0.10	
ANKISTRODESMUS FALCATUS		3.7	0.19	
ASTRIONELLA FORMOSA		59.4	3.35	
CRYPTOMONAS SP.		11.1	0.57	
CYCIOTELLA ATOMUS		1.9	0.10	
CYCIOTELLA MICHIGANIANA		3.7	0.19	
CYCIOTELLA OCELLATA		5.6	0.29	
CYCIOTELLA SP.		64.9	3.34	
CYCIOTELLA STELLIGERA		44.5	2.29	
DIATOMA TENUE V. ELONGATUM		5.6	0.29	
FLAGELLATES		448.9	23.07	
FRAGILARIA CONSTRUENS		22.3	1.14	
FRAGILARIA CROTONEINSIS		126.1	6.48	
FRAGILARIA INTERMEDIA		33.4	1.72	
GLENODINIUM SP.		1.9	0.10	
GLOEOTYSTIS PLANTONICA		22.3	1.14	
GLOEOTYSTIS SP.		39.0	2.00	
GREEN FILAMENT, UNKNOWN		1.9	0.10	
MELOSIRA ISLANDICA		102.0	5.24	
MELOSIRA ITALICA		137.3	7.05	
NAVICULA GASTRUM		1.9	0.10	
NAVICULA GRANULATA		1.9	0.10	
NITZSCHIA BACATA		1.9	0.10	
NITZSCHIA DISSIPATA		1.9	0.10	
NITZSCHIA RECTA		1.9	0.10	
NITZSCHIA SP.		7.4	0.38	
NITZSCHIA SP. #2		3.7	0.19	
OPPEPHOA MARTYI		1.9	0.10	
OSCILLATORIA LINNETICA		3.7	0.19	
OSCILLATORIA SP.		9.3	0.48	
SCENEDESMUS BICELLULARIS		11.1	0.57	
SCENEDESMUS QUADRICAUDA		7.4	0.38	
STEPHANODISCUS ALPINUS		27.8	1.43	
STEPHANODISCUS BINDEPANUS		27.8	1.43	
STEPHANODISCUS HANTZSCHII		26.0	1.33	
STEPHANODISCUS MINUTUS		432.2	22.21	
STEPHANODISCUS SP.		90.9	4.67	
STEPHANODISCUS SUBTILIS		13.0	0.67	
STEPHANODISCUS TENNIS		16.7	0.86	
STEPHANODISCUS TRANSILVANICUS		9.3	0.48	
SUPRIZELLA ANGUSTA		1.9	0.10	
SYNEDRA ACUS		1.9	0.10	
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA		7.4	0.38	
SYNEDRA FILIFORMIS		14.8	0.76	
SYNEDRA OSTENFELDI		7.4	0.38	
SYNEDRA ULNA V. CHASPERANA		1.9	0.10	
TABELLARIA PENESTRATA V. INTERMEDIA		76.1	3.91	
TOTAL		1945.9	100.0	
NDC 2-3	NO. OF FORMS = 47	CELLS/ML	PERCENT	DIVERSITY = 3.28
ANKISTRODESMUS FALCATUS		9.7	0.31	
ANKISTRODESMUS SP.		2.4	0.08	
ASTERIONELLA FORMOSA		56.0	1.80	
CHLAMYDOMONAS SP.		438.1	14.09	
CLOSTEROPSIS LONGISSIMA		2.4	0.08	
CRYPTOMONAS SP.		26.8	0.86	
CYCIOTELLA KUETZINGIANA		4.9	0.16	
CYCIOTELLA MICHIGANIANA		9.7	0.31	
CYCIOTELLA OCELLATA		9.7	0.31	
CYCIOTELLA SP.		1404.4	45.16	
CYCIOTELLA STELLIGERA		14.6	0.47	
CYMATOPLEURA SOLPA		2.4	0.08	
DIATOMA TENUE V. ELONGATUM		7.3	0.23	
FLAGELLATES		85.2	2.74	
FRAGILARIA CROTONEINSIS		65.7	2.11	
FRAGILARIA INTERMEDIA		58.4	1.88	
GOMPHONOMA OLIVACEUM		2.4	0.08	
GREEN COLONY, UNKNOWN		2.4	0.08	
GREEN FILAMENT, UNKNOWN		2.4	0.08	
GYNODINIUM SP.		2.4	0.08	
HALLONONAS SP.		21.9	0.70	
MELOSIRA GRANULATA		65.7	2.11	
MELOSIRA GRANULATA V. ANGUSTISSIMA		12.2	0.39	
MELOSIRA ISLANDICA		97.4	3.13	
MELOSIRA ITALICA SUBSP. SUBARCTICA		158.2	5.09	
MICROCYSTIS AFRUGINOSA		12.2	0.39	
NAVICULA SP.		2.4	0.08	
NITZSCHIA SP.		43.4	1.39	
NITZSCHIA SP.		2.4	0.08	
OCYSTIS SP.		2.4	0.08	
OSCILLATORIA SP.		2.4	0.08	
PHORMIDIUM SP.		7.3	0.23	
RHIZOSOLENIA ERIENSIS		12.2	0.39	
RHIZOSOLENIA LONGISETA		4.9	0.16	
STEPHANODISCUS ALPINUS		48.7	1.57	
STEPHANODISCUS BINDEPANUS		158.2	5.09	
STEPHANODISCUS HANTZSCHII		38.9	1.25	
STEPHANODISCUS MINUTUS		34.1	1.10	
STEPHANODISCUS SP.		48.7	1.57	
STEPHANODISCUS TRANSILVANICUS		2.4	0.08	
SUSTRELLA OVALIS		2.4	0.08	
SYNEDRA ACUS		2.4	0.08	
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA		21.9	0.70	
SYNEDRA FILIFORMIS		9.7	0.31	
SYNEDRA OSTENFELDI		2.4	0.08	
SYNEDRA PARASITICA		2.4	0.08	
SYNEDRA SP.		65.7	2.11	
TABELLARIA PENESTRATA		21.9	0.70	
TOTAL		3110.2	100.0	

HDC B-4 NO. OF FORMS = 72		DIVERSITY = 3.95	
		CELLS/HL	PERCENT
ANKISTRODESMUS FALCATUS V. TUNIDUS		1.9	0.07
ANKISTRODESMUS FALCATUS		4.6	0.18
ANKISTRODESMUS SP. #1		4.6	0.18
ASTERIONELLA BLEAKELEYI		21.3	0.84
ASTERIONELLA FORMOSA		90.0	3.55
COCconeis SP.		0.9	0.04
CRYPTOMONAS SP.		43.6	1.72
CYCLOTELLA CRYPTICA		2.8	0.11
CYCLOTELLA KUEZZINGIANA		9.3	0.37
CYCLOTELLA MENEZESIANA		2.8	0.11
CYCLOTELLA WICHIGANIANA		4.6	0.18
CYCLOTELLA OCELLATA		0.9	0.04
CYCLOTELLA SP.		17.6	0.69
CYCLOTELLA STELLIGERA		26.0	1.02
CYMAOPLEURA SOLEA		1.9	0.07
DIATOMA TENUIS V. ELONGATUM		7.4	0.29
DIATOMA VULGARE V. BREVE		0.9	0.04
ENGLENSA SP.		0.9	0.04
FLAGELLATES		670.0	26.39
FRAGILARIA CAPUCINA		102.1	4.02
FRAGILARIA CROTONEPENSIS		127.1	5.01
FRAGILARIA INTERMEDIA		89.1	3.51
GLENODINIUM SP.		13.9	0.55
GLOEOPHYTIS SP.		32.5	1.28
MALLOCHNUS PSEUDOCORONATA		0.9	0.04
MELOSIRA GRANULATA		72.4	2.85
MELOSIRA GRANULATA V. ANGUSTISSIMA		3.7	0.15
MELOSIRA ISLANDICA		39.0	1.54
MELOSIRA ITALICA		108.6	4.28
KAVICULA RADIOSA		1.9	0.07
NITZSCHIA ACICULARIS		0.9	0.04
NITZSCHIA RACATA		6.5	0.26
NITZSCHIA DISSIPATA		0.9	0.04
NITZSCHIA FONTICOLA		0.9	0.04
NITZSCHIA LONGISSIMA		0.9	0.04
NITZSCHIA PALEA		2.8	0.11
NITZSCHIA PECTA		5.6	0.22
NITZSCHIA SPICULOIDES		0.9	0.04
NITZSCHIA SP.		1.9	0.07
NITZSCHIA SP. #2		5.6	0.22
COCYSTIS SP.		29.7	1.17
OSCILLATORIA LIMNETICA		2.8	0.11
OSCILLATORIA SP.		1.9	0.07
PHOTIDIUM SP.		0.9	0.04
PHOTIDIUM SP.		1.9	0.07
SCENFDESMUS BICELLULARIS		20.4	0.80
SCENFDESMUS QUADRICAUDA		7.4	0.29
STAUROSTRUM SP.		0.9	0.04
STEPHANODISCUS ALPINUS		11.1	0.44
STEPHANODISCUS ASTRAEA		0.9	0.04
STEPHANODISCUS BINDERANUS		50.1	1.97
STEPHANODISCUS HANTZSCHII		17.6	0.69
STEPHANODISCUS MINUTUS		436.2	17.18
STEPHANODISCUS NIAGARAE		0.9	0.04
STEPHANODISCUS SP.		232.9	9.17
STEPHANODISCUS SUBTILIS		0.9	0.04
STEPHANODISCUS TENNIS		6.5	0.26
STEPHANODISCUS TRANSILVANICUS		2.8	0.11
SURIFILIA ANGUSTA		0.9	0.04
SYNEPDA ACUS		0.9	0.04
SYNEPDA DELICATISSIMA		0.9	0.04
SYNEPDA DELICATISSIMA V. ANGUSTISSIMA		9.3	0.37
SYNEPDA DEMEPARAE		1.9	0.07
SYNEPDA FILIFORMIS		21.3	0.84
SYNEPDA OSTENFELDII		0.9	0.04
SYNEPDA SP.		7.4	0.29
SYNEPDA TENERA		0.9	0.04
SYNEPDA ULNA		3.7	0.15
SYNEPDA ULNA V. CHASIANA		6.5	0.26
SYNEPDA ULNA V. DANICA		0.9	0.04
SYNEPDA ULNA V. SPATHULIPERA		0.9	0.04
TABELLARIA FENESTRATA V. INTERMEDIA		126.2	4.97
TOTAL		2539.0	100.0

MDC 7-3		NO. OF FORMS = 59		DIVERSITY = 3.92		NO. OF FORMS = 58		DIVERSITY = 3.88	
CELLS/ML	PERCENT	CELLS/ML	PERCENT	CELLS/ML	PERCENT	CELLS/ML	PERCENT	CELLS/ML	PERCENT
ANKISTRODESMUS FALCATUS V. TUMIDUS	0.9	0.06	AMPHIPRORA ORNATA	1.9	0.06	ANKYSTIS SP.	1.9	0.06	
ANKISTRODESMUS FALCATUS	0.9	0.06	ANKYSTIS SP.	1.9	0.06	ASTERIONELLA BLEAKELEYI	7.4	0.24	
ANKISTRODESMUS SP. #1	1.9	0.13	ASTERIONELLA FORMOSA	80.7	5.49	ASTERIONELLA FORMOSA	116.9	3.79	
ASTERIONELLA FORMOSA	80.7	5.49	ASTERIONELLA GRACILLIMA	7.4	0.50	NOTYOCOCCLUS BRAUNII	1.9	0.06	
ASTERIONELLA GRACILLIMA	7.4	0.50	CHROCOCCUS DISPERSUS	1.9	0.13	CRYPTOMONAS SP.	13.0	0.42	
CHROCOCCUS DISPERSUS	1.9	0.13	CRYPTOMONAS SP.	15.8	1.07	CYCLOTELLA CRYPTICA	3.7	0.12	
CRYPTOMONAS SP.	15.8	1.07	CYCLOTELLA CRYPTICA	1.9	0.13	CYCLOTELLA GLOMERATA	7.4	0.24	
CYCLOTELLA CRYPTICA	1.9	0.13	CYCLOTELLA GLOMERATA	1.9	0.13	CYCLOTELLA KUETZINGIANA	16.7	0.54	
CYCLOTELLA GLOMERATA	1.9	0.13	CYCLOTELLA KUETZINGIANA	0.9	0.06	CYCLOTELLA MICHIGANIANA	14.8	0.48	
CYCLOTELLA KUETZINGIANA	0.9	0.06	CYCLOTELLA KENEGHINIANA V. PLANA	0.9	0.06	CYCLOTELLA SP.	76.1	2.47	
CYCLOTELLA KENEGHINIANA V. PLANA	0.9	0.06	CYCLOTELLA MICHIGANIANA	3.7	0.25	CYCLOTELLA STELLIGERA	100.2	3.25	
CYCLOTELLA MICHIGANIANA	3.7	0.25	CYCLOTELLA SP.	1.9	0.13	DACTYLOCOCCOPSIS SP.	5.6	0.18	
CYCLOTELLA SP.	1.9	0.13	CYCLOTELLA STELLIGERA	33.4	2.27	DIATOMA TENUE V. ELONGATUM	7.4	0.24	
CYCLOTELLA STELLIGERA	33.4	2.27	CYMBELLA VENTRICOSA	18.6	1.26	DIATOMA TENUE V. PACHYCEPHALUM	1.9	0.06	
CYMBELLA VENTRICOSA	18.6	1.26	DACTYLOCOCCOPSIS SP.	0.9	0.06	FUGLENA SP.	1.9	0.06	
DACTYLOCOCCOPSIS SP.	0.9	0.06	DIATOMA TENUE V. ELONGATUM	5.6	0.38	FLAGELLATES	293.1	9.51	
DIATOMA TENUE V. ELONGATUM	5.6	0.38	DIATOMA TENUE V. PACHYCEPHALUM	2.8	0.19	FRAGILARIA CROTONENSIS	181.8	5.90	
DIATOMA TENUE V. PACHYCEPHALUM	2.8	0.19	FUGLENA SP.	0.9	0.06	FRAGILARIA INTERMEDIA	40.8	1.32	
FUGLENA SP.	0.9	0.06	FRAGILARIA CROTONENSIS	168.0	3.06	FRAGILARIA PINNATA	1.9	0.06	
FRAGILARIA CROTONENSIS	168.0	3.06	FRAGILARIA INTERMEDIA	102.1	6.94	GLERODINIUM SP.	7.4	0.24	
FRAGILARIA INTERMEDIA	102.1	6.94	GLERODINIUM SP.	25.1	1.70	GLOFOCYSTIS SP.	16.7	0.54	
GLERODINIUM SP.	25.1	1.70	GREEN SOLITARY, UNKNOWN	3.7	0.25	GLOPHONEMA OLIVACEUM	1.9	0.06	
GREEN SOLITARY, UNKNOWN	3.7	0.25	GLOFOCYSTIS SP.	27.8	1.89	MPLOSIPIA DISIANS V. ALPIGENA	5.6	0.18	
GLOFOCYSTIS SP.	27.8	1.89	MELOSIRA GRANULATA	0.9	0.06	MELOSIRA GRANULATA	74.2	2.41	
MELOSIRA GRANULATA	0.9	0.06	MELOSIRA ISLANDICA	39.9	2.71	MELOSIRA ISLANDICA	144.7	4.70	
MELOSIRA ISLANDICA	39.9	2.71	MELOSIRA ITALICA	29.7	2.02	MELOSIRA ITALICA	131.7	4.27	
MELOSIRA ITALICA	29.7	2.02	HERIDIUM CIPICULARE	50.1	3.41	NITZSCHIA ACICULARIS	1.9	0.06	
HERIDIUM CIPICULARE	50.1	3.41	NITZSCHIA ACICULARIS	1.9	0.13	NITZSCHIA BACATA	7.4	0.24	
NITZSCHIA ACICULARIS	1.9	0.13	NITZSCHIA BACATA	14.8	1.01	NITZSCHIA COMPINIS	1.9	0.06	
NITZSCHIA BACATA	14.8	1.01	NITZSCHIA COMPINIS	0.9	0.06	NITZSCHIA DISSIPATA	3.7	0.12	
NITZSCHIA COMPINIS	0.9	0.06	NITZSCHIA DISSIPATA	2.8	0.19	NITZSCHIA HUNGARICA	3.7	0.12	
NITZSCHIA DISSIPATA	2.8	0.19	NITZSCHIA HUNGARICA	2.8	0.19	NITZSCHIA PALEA	3.7	0.12	
NITZSCHIA HUNGARICA	2.8	0.19	NITZSCHIA PALEA	0.9	0.06	NITZSCHIA SPICULOIDES	5.6	0.18	
NITZSCHIA PALEA	0.9	0.06	NITZSCHIA SPICULOIDES	0.9	0.06	NITZSCHIA SP. #1	1.9	0.06	
NITZSCHIA SPICULOIDES	0.9	0.06	NITZSCHIA SP. #2	2.8	0.19	NITZSCHIA SP. #2	16.7	0.54	
NITZSCHIA SP. #1	2.8	0.19	NITZSCHIA SP. #2	4.6	0.32	OSCILLATORIA LINNETICA	27.8	0.90	
NITZSCHIA SP. #2	4.6	0.32	OSCILLATORIA LINNETICA	2.8	0.19	OSCILLATORIA SP.	1.9	0.06	
OSCILLATORIA LINNETICA	2.8	0.19	OSCILLATORIA SP.	2.8	0.19	OSCILLATORIA SPIRULINA	5.6	0.18	
OSCILLATORIA SP.	2.8	0.19	RHIZOLENIA GRACILIS	0.9	0.06	PHIZOSOLPHEA GRACILIS	1.9	0.06	
RHIZOLENIA GRACILIS	0.9	0.06	SCENEDESMUS BICELLULARIS	1.9	0.13	SCENEDESMUS BICELLULARIS	37.1	1.20	
SCENEDESMUS BICELLULARIS	1.9	0.13	SCENEDESMUS QUADRICHOIDA	5.6	0.38	STEPHANODISCUS ALPINUS	11.1	0.36	
SCENEDESMUS QUADRICHOIDA	5.6	0.38	SPHAEROCYSTIS SP.	3.7	0.25	STEPHANODISCUS BINDERANUS	79.8	2.59	
SPHAEROCYSTIS SP.	3.7	0.25	STEPHANODISCUS ALPINUS	13.9	0.95	STEPHANODISCUS HANTZSCHII	105.7	3.83	
STEPHANODISCUS ALPINUS	13.9	0.95	STEPHANODISCUS BINDERANUS	13.9	0.95	STEPHANODISCUS MINUTUS	964.6	31.31	
STEPHANODISCUS BINDERANUS	13.9	0.95	STEPHANODISCUS HANTZSCHII	27.8	1.89	STEPHANODISCUS SP.	244.9	7.95	
STEPHANODISCUS HANTZSCHII	27.8	1.89	STEPHANODISCUS MINUTUS	408.3	27.76	STEPHANODISCUS SUBTILIS	11.1	0.36	
STEPHANODISCUS MINUTUS	408.3	27.76	STEPHANODISCUS SP.	212.5	14.45	STEPHANODISCUS TENUIIS	9.3	0.30	
STEPHANODISCUS SP.	212.5	14.45	STEPHANODISCUS SUBTILIS	10.2	0.69	STEPHANODISCUS TRANSILVANICUS	5.6	0.18	
STEPHANODISCUS SUBTILIS	10.2	0.69	STEPHANODISCUS TENUIIS	5.6	0.38	SYNEDRA ACUS	1.9	0.06	
STEPHANODISCUS TENUIIS	5.6	0.38	STEPHANODISCUS TRANSILVANICUS	1.9	0.13	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	20.4	0.66	
STEPHANODISCUS TRANSILVANICUS	1.9	0.13	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	9.3	0.63	SYNEDRA FILIFORMIS	16.7	0.54	
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	9.3	0.63	SYNEDRA FILIFORMIS	11.1	0.76	SYNEDRA SP.	1.9	0.06	
SYNEDRA FILIFORMIS	11.1	0.76	SYNEDRA SP.	2.8	0.19	SYNEDRA ULNA V. CHASZANA	3.7	0.12	
SYNEDRA SP.	2.8	0.19	TABELLARIA PENESTRATA V. INTERMEDIA	52.0	3.53	TABELLARIA PENESTRATA V. INTERMEDIA	200.3	6.50	
SYNEDRA ULNA V. CHASZANA	52.0	3.53	ULOTHRIX SP.	0.9	0.06				
TABELLARIA PENESTRATA V. INTERMEDIA	52.0	3.53							
ULOTHRIX SP.	0.9	0.06							
TOTAL	1870.9	100.0	TOTAL	3081.2	100.0				

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SDC 1-0	NO.OP FORMS = 47	DIVERSITY = 3.88	CELLS/ML	PERCENT
ANKISTRODESMUS SP. #3		11.1	0.38	
ASTERIONELLA FORMOSA		293.2	6.87	
CHROCOCOCUS SP.		5.6	0.19	
COSCIINODISCUS TUBERCULATUS		2.8	0.09	
CRYPTOMONAS SP.		8.3	0.28	
CYCLOTELLA ATOMUS		2.8	0.09	
CYCLOTELLA CRYPTICA		11.1	0.38	
CYCLOTELLA GLOMERATA		13.9	0.47	
CYCLOTELLA MICHIGANIANA		5.6	0.19	
CYCLOTELLA SP.		30.6	1.03	
CYCLOTELLA STELLIGERA		13.9	0.47	
DIATOMA TENUE V. ELONGATUM		2.8	0.09	
DIATOMA VULGARE		2.8	0.09	
DINOPLAGELLATES		11.1	0.38	
FLAGELLATES		345.1	11.67	
FRAGILARIA CAPUCINA		175.3	5.93	
FRAGILARIA CROTONENSIS		205.9	6.96	
FRAGILARIA INTERMEDIA		44.5	1.51	
GLENODINIUM SP.		22.3	0.75	
GLOECYSTIS SP.		72.4	2.45	
MELOSIRA GRANULATA		136.4	4.61	
MELOSIRA ISLANDICA		172.5	5.83	
NITZSCHIA ACICULARIS		5.6	0.19	
NITZSCHIA BACATA		27.8	0.94	
NITZSCHIA CAPITELLATA		2.8	0.09	
NITZSCHIA CONFINIS		2.8	0.09	
NITZSCHIA PALEA		5.6	0.19	
NITZSCHIA SPICULOIDES		2.8	0.09	
NITZSCHIA SP.		5.6	0.19	
RHIZOLENIA BRIENSIS		2.8	0.09	
RHIZOLENIA GRACILIS		5.6	0.19	
STEPHANODISCUS ALPINUS		2.8	0.09	
STEPHANODISCUS ASTRAEA		5.6	0.19	
STEPHANODISCUS BINDERANUS		16.7	0.56	
STEPHANODISCUS HANTZSCHII		61.2	2.07	
STEPHANODISCUS MINUTUS		33.4	1.13	
STEPHANODISCUS SP.		434.1	14.68	
STEPHANODISCUS SUBTILIS		100.2	3.39	
STEPHANODISCUS TENUIIS		13.9	0.47	
STEPHANODISCUS TRANSILVANICUS		13.9	0.47	
STEPHANODISCUS V. ANGUSTISSIMA		16.7	0.56	
SYNEDRA DELICATISSIMA		11.1	0.38	
SYNEDRA FASCICULATA		2.8	0.09	
SYNEDRA FILIFORMIS		5.6	0.19	
SYNEDRA SP.		2.8	0.09	
SYNEDRA TENUE		2.8	0.09	
SYNEDRA ULNA V. CHASEANA		13.9	0.47	
TABELLARIA FENESTRATA V. INTERMEDIA		665.1	22.48	
TOTAL		2950.3	100.0	
SDC 1-1	NO.OP FORMS = 37	DIVERSITY = 3.40	CELLS/ML	PERCENT
ANKISTRODESMUS FALCATUS		1.9	0.18	
ASTERIONELLA FORMOSA		31.5	3.08	
COSMARIMUM SP.		1.9	0.18	
CPRUCIGENIA QUADRATA		14.9	1.45	
CRYPTOMONAS SP.		13.0	1.27	
CYCLOTELLA CRYPTICA		1.9	0.18	
CYCLOTELLA KUETZINGIANA		1.9	0.18	
CYCLOTELLA MENEGHINIANA		1.9	0.18	
CYCLOTELLA SP.		22.3	2.17	
CYCLOTELLA STELLIGERA		5.6	0.54	
DIATOMA TENUE V. ELONGATUM		1.9	0.18	
FLAGELLATES		139.1	13.59	
FRAGILARIA CROTONENSIS		79.8	7.79	
FRAGILARIA INTERMEDIA		27.8	2.72	
GLENODINIUM SP.		1.9	0.18	
GLOECYSTIS SP.		22.3	2.17	
MELOSIRA GRANULATA		1.9	0.18	
MELOSIRA ISLANDICA		1.9	0.18	
MELOSIRA ITALICA		70.5	6.88	
NITZSCHIA ACICULARIS		1.9	0.18	
NITZSCHIA BACATA		5.6	0.54	
NITZSCHIA PALEA		1.9	0.18	
NITZSCHIA SP.		1.9	0.18	
NITZSCHIA SP. #12		1.9	0.18	
NITZSCHIA SP. #2		1.9	0.18	
OOCYSTIS SP.		5.6	0.54	
RHIZOLENIA GRACILIS		5.6	0.54	
STEPHANODISCUS ALPINUS		11.1	1.09	
STEPHANODISCUS HANTZSCHII		18.5	1.81	
STEPHANODISCUS MINUTUS		200.3	19.57	
STEPHANODISCUS NIAGARAE		3.7	0.36	
STEPHANODISCUS SP.		294.9	28.90	
STEPHANODISCUS TENUIIS		1.9	0.18	
STEPHANODISCUS TRANSILVANICUS		3.7	0.36	
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA		1.9	0.18	
SYNEDRA OSTREPELIDII		1.9	0.18	
TABELLARIA FENESTRATA V. INTERMEDIA		16.7	1.63	
TOTAL		1024.0	100.0	

SDC 1-2 NO. OF FORMS = 51			SDC 2-0 NO. OF FORMS = 33			TOTAL		
DIVERSITY = 3.61			DIVERSITY = 3.48			DIVERSITY = 3.48		
CELLS/ML	PERCENT		CELLS/ML	PERCENT		CELLS/ML	PERCENT	
ACHNANTHES SP.	1.9	0.11	ANKISTRODESMUS SP. #1	2.8	0.30			
AMPHIPROPA ORNATA	1.9	0.11	ASTERIONELLA FORMOSA	33.4	3.59			
ANKISTRODESMUS FALCATUS	7.4	0.46	CRYPTOMONAS SP.	2.8	0.30			
ANKISTRODESMUS SP. #1	103.9	6.42	CYCLOTELLA ATOMUS	2.8	0.30			
ASTERIONELLA FORMOSA	7.4	0.46	CYCLOTELLA CRYPTICA	8.3	0.90			
CRUCIGENIA APICULATA	20.4	1.26	CYCLOTELLA MENEGHINIANA	2.8	0.30			
CRYPTOMONAS SP.	1.9	0.11	CYCLOTELLA SP.	22.3	2.40			
CYCLOTELLA CRYPTICA	3.7	0.23	CYCLOTELLA STELLIGERA	13.9	1.50			
CYCLOTELLA KUETZINGIANA	1.9	0.11	DIOFLAGELLATES	2.8	0.30			
CYCLOTELLA KICHIGANIANA	3.7	0.23	FRAGILLARIAS	50.1	5.39			
CYCLOTELLA OCELLATA	22.3	1.38	FRAGILLARIA CROTOMENSIS	136.4	14.67			
CYCLOTELLA SP.	18.5	1.15	GLENODINIUM SP.	5.6	0.60			
CYCLOTELLA STELLIGERA	3.7	0.23	GLOFOCYSTIS SP.	39.0	4.19			
DIATOMA TENUE V. ELONGATUM	435.9	26.95	MEIOSIRA GRANULATA	33.4	3.59			
DIATOMA TENUE V. PACHYCEPHALUM	11.1	0.69	MEIOSIRA ISLANDICA	36.2	3.89			
FRAGILLARIAS	3.7	0.23	NAVICULA LANCEOLATA	2.8	0.30			
FRAGILLARIA CROTOMENSIS	11.1	0.69	NITZSCHIA BACATA	11.1	1.20			
FRAGILLARIA INTERMEDIA	9.3	0.57	NITZSCHIA DISSIPATA	2.8	0.30			
GLENODINIUM SP.	61.2	3.78	NITZSCHIA PALTA	5.6	0.60			
GLOFOCYSTIS SP.	9.3	0.57	RHIZOSOLENIA FRIGENSIS	5.6	0.60			
GREEN COCCOID, UNKNOWN	3.7	0.23	RHIZOSOLENIA CURVATA	2.8	0.30			
GREEN FILAMENT, UNKNOWN	5.6	0.34	SCENEDESMUS BICELLULARIS	5.6	0.60			
MEIOSIRA GRANULATA	39.0	2.41	SCENEDESMUS BICELLULARIS	19.5	2.10			
MEIOSIRA ISLANDICA	48.2	2.98	STEPHANODISCUS ALPINUS	2.8	0.30			
MEIOSIRA ITALICA	1.9	0.11	STEPHANODISCUS ASTRAEA	8.3	0.90			
NAVICULA TIPUNCTATA	1.9	0.11	STEPHANODISCUS BINDERANUS	30.6	3.29			
NITZSCHIA ACICULARIS	13.0	0.80	STEPHANODISCUS HANTZSCHII	339.5	36.53			
NITZSCHIA BACATA	1.9	0.11	STEPHANODISCUS MINUTUS	75.1	8.08			
NITZSCHIA SPICULOIDES	1.9	0.11	STEPHANODISCUS SP.	2.8	0.30			
NITZSCHIA SP.	1.9	0.11	STEPHANODISCUS TENNIS	5.6	0.60			
NITZSCHIA SP. #2	5.6	0.34	STEPHANODISCUS TRANSILVANICUS	5.6	0.60			
OSCILLATORIA LIMNETICA	7.4	0.46	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	2.8	0.30			
SCENEDESMUS BICELLULARIS	1.9	0.11	SYNEDRA FILIFORMIS	8.3	0.90			
SPIRULINA KOEPELDTII	9.3	0.57						
STEPHANODISCUS ALPINUS	66.8	4.13						
STEPHANODISCUS BINDERANUS	11.1	0.69						
STEPHANODISCUS HANTZSCHII	371.0	22.94						
STEPHANODISCUS MINUTUS	191.1	11.81						
STEPHANODISCUS SP.	1.9	0.11						
STEPHANODISCUS SUBTILIS	1.9	0.11						
STEPHANODISCUS TENNIS	3.7	0.23						
STEPHANODISCUS TRANSILVANICUS	9.3	0.57						
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	7.4	0.46						
SYNEDRA FILIFORMIS	1.9	0.11						
SYNEDRA MONTANA	5.6	0.34						
SYNEDRA OSTENFELDII	5.6	0.34						
SYNEDRA TENNERA	1.9	0.11						
SYNEDRA ULNA	5.6	0.34						
SYNEDRA ULNA V. CHASMANA	48.2	2.98						
TABELLARIA PENESTRATA V. INTERMEDIA	1.9	0.11						
ULOTHRIX SP.								
TOTAL	1617.6	100.0	TOTAL	929.5	100.0			

SDC 2-1	NO. OF FORMS = 40	NO. OF FORMS = 362	SDC 2-3	NO. OF FORMS = 46	DIVERSITY = 3.85
	CELLS/ML	PERCENT		CELLS/ML	PERCENT
AMPHORA SP.	1.7	0.05	ASTERIONELLA FORMOSA	77.9	6.57
ANKISTRODESMUS FALCATUS	3.3	0.10	COSMARION SP.	1.9	0.15
ANKISTRODESMUS SP.	3.3	0.10	CRYPTOCYNIA QUADRATA	7.4	0.63
ASTRIONELLA FORMOSA	34.8	1.08	CRYPTOMONAS SP.	22.3	1.88
CHLAMYDOMONAS SP.	264.8	8.23	CYCLOTELLA KUTZINGIANA	1.9	0.16
CRYPTOMONAS SP.	33.1	1.03	CYCLOTELLA SP.	14.8	1.25
CYCLOTELLA MICHIGANIANA	3.3	0.10	CYCLOTELLA STELLIGERA	11.1	0.94
CYCLOTELLA OCELLATA	3.3	0.10	DIATOMA TENUE V. PACHYCEPHALUM	3.7	0.31
CYCLOTELLA SP.	847.4	26.32	DINOFAGELLATES	1.9	0.16
CYCLOTELLA STELLIGERA	36.4	1.13	EUGLENA SP.	1.9	0.16
DIATOMA TENUE V. ELONGATUM	5.0	0.15	FLAGELLATES	300.5	25.35
FLAGELLATES	9.9	0.31	FRAGILARIA CROTONENSIS	11.1	0.94
FRAGILARIA CAPUCINA	18.2	0.57	FRAGILARIA INTERMEDIA	31.5	2.66
FRAGILARIA CROTONENSIS	192.0	5.96	GLENODINIUM SP.	5.6	0.47
FALLOMONAS SP.	5.0	0.15	GLOFOCYSTIS MAJOR	3.7	0.31
MELOSIRA GRANULATA	9.9	0.31	GLOFOCYSTIS SP.	31.5	2.66
MELOSIRA GRANULATA V. ANGUSTISSIMA	8.3	0.26	GREEN FILAMENT, UNKNOWN	1.9	0.16
PELOSIRA ISLANDICA	478.3	14.86	PELOSIRA ISLANDICA	5.6	0.47
PELOSIRA ITALICA	344.2	10.69	PELOSIRA ITALICA	55.6	4.69
PELOSIRA ITALICA SUBSP. SUBARCTICA	1.7	0.05	NITZSCHIA ACUTA	1.9	0.16
NAVICULA SP.	5.0	0.15	NITZSCHIA BACATA	3.7	0.31
NITZSCHIA DISSIPATA	33.1	1.03	NITZSCHIA CONFINIS	5.6	0.47
NITZSCHIA SP.	11.6	0.36	NITZSCHIA HUNGARICA	1.9	0.16
PHOMIDIUM SP.	1.7	0.05	NITZSCHIA SP.	1.9	0.16
PHIZOSOLENIA ERIENSIS	9.9	0.31	NITZSCHIA SP. #12	1.9	0.16
PHIZOSOLENIA LONGISETA	16.5	0.51	NITZSCHIA SP. #2	16.7	1.41
STEPHANODISCUS ALPINUS	62.9	1.95	OOCYSTIS SP.	16.7	1.41
STEPHANODISCUS BINDERANUS	208.5	6.48	OSCILLATORIA LINNETICA	1.9	0.16
STEPHANODISCUS HANTZSCHII	54.6	1.70	RHIZOSOLENIA GRACILIS	1.9	0.16
STEPHANODISCUS MINUTUS	284.7	8.84	SCENEDSMUS BICELLULARIS	11.1	0.94
STEPHANODISCUS SP.	84.4	2.62	SPHAEROCYSTIS SP.	55.6	4.69
STEPHANODISCUS TRANSILVIANICUS	21.5	0.67	STEPHANODISCUS ALPINUS	1.9	0.16
SURIRELLA OVALIS	1.7	0.05	STEPHANODISCUS BINDERANUS	20.4	1.72
SURIRELLA SP.	1.7	0.05	STEPHANODISCUS HANTZSCHII	3.7	0.31
SYNDRA DELICATISSIMA	8.3	0.26	STEPHANODISCUS MINUTUS	166.9	14.08
SYNDRA DELICATISSIMA V. ANGUSTISSIMA	26.5	0.82	STEPHANODISCUS NIAGARAE	1.9	0.16
SYNDRA PILIFORMIS	9.9	0.31	STEPHANODISCUS SP.	170.7	14.40
SYNDRA OSTENFELDII	6.6	0.21	STEPHANODISCUS TENUIS	1.9	0.16
SYNDRA SP.	31.4	0.98	STEPHANODISCUS TRANSILVIANICUS	3.7	0.31
TABELLARIA FENESTRATA	34.8	1.08	SYNDRA DELICATISSIMA V. ANGUSTISSIMA	13.0	1.10
TOTAL	3219.0	100.0	SYNDRA FILIFORMIS	7.4	0.63
			SYNDRA OSTENFELDII	5.6	0.47
			SYNDRA SP.	5.6	0.47
			SYNDRA TENERA	1.9	0.16
			SYNDRA ULNA	3.7	0.31
			TABELLARIA FENESTRATA V. INTERMEDIA	64.9	5.48
			TOTAL	1185.3	100.0

SDC 4-1	NO. OF FORMS = 34	DIVERSITY = 3.36	SDC 4-3	NO. OF FORMS = 38	DIVERSITY = 3.52
	CELLS/ML	PERCENT		CELLS/ML	PERCENT
ANKISTRODESMUS SP.	8.3	0.54	ANKISTRODESMUS SP. #1	1.9	0.22
ASTERIONELLA FORMOSA	13.2	0.87	ASTERIONELLA FORMOSA	9.3	1.10
CHLAMYDOMONAS SP.	114.2	7.51	CRYPTOMONAS SP.	18.5	2.19
CRYPTOMONAS SP.	9.9	0.65	CYCLOTELLA KUETZINGIANA	5.6	0.66
CYCLOTELLA KUETZINGIANA	1.7	0.11	CYCLOTELLA MICHIGANIANA	5.6	0.66
CYCLOTELLA MICHIGANIANA	1.7	0.11	CYCLOTELLA PSEUDOSTELLIGERA	1.9	0.22
CYCLOTELLA OCELLATA	1.7	0.11	CYCLOTELLA SP.	18.5	2.19
CYCLOTELLA SP.	572.6	37.65	CYCLOTELLA STELLIGERA	37.1	4.39
CYCLOTELLA STELLIGERA	16.5	1.09	DIA-TOMA TENUE V. PACHYCEPHALUM	7.4	0.88
DIA-TOMA TENUE V. ELONGATUM	1.7	0.11	FLAGELLATES	163.2	19.30
EUGLENA SP.	3.3	0.22	FRAGILARIA CROTOMENSIS	37.1	4.39
FRAGILARIA CROTOMENSIS	21.5	1.41	FRAGILARIA INTERMEDIA	5.6	0.66
FRAGILARIA INTERMEDIA	67.9	4.46	GLENODINIUM SP.	3.7	0.44
MELOSIRA GRANULATA	13.2	0.87	GLOEOCYSTIS MAJOR	1.9	0.22
MELOSIRA ISLANDICA	192.0	12.62	GLOEOCYSTIS SP.	20.4	2.41
MELOSIRA ITALICA SUBSP. SUBARCTICA	150.6	9.90	MELOSIRA ITALICA	44.5	5.26
NAVICULA COSTULATA	1.7	0.11	NITZSCHIA ACICULARIS	1.9	0.22
NAVICULA SP.	3.3	0.22	NITZSCHIA ACUTA	1.9	0.22
NITZSCHIA SP.	9.9	0.65	NITZSCHIA AMPHICEPHALA	1.9	0.22
NITZSCHIA SP.	1.7	0.11	NITZSCHIA BACATA	7.4	0.88
RHIZOSOLENIA BRIENSIS	9.9	0.65	NITZSCHIA CONFINIS	1.9	0.22
RHIZOSOLENIA LONGISSETA	5.0	0.33	NITZSCHIA SP. #2	3.7	0.44
STEPHANODISCUS ALPINUS	26.5	1.74	OOCYSTIS SP.	16.7	1.97
STEPHANODISCUS RINDERANDS	67.9	4.46	STEPHANODISCUS ALPINUS	5.6	0.66
STEPHANODISCUS Hantzschii	13.2	0.87	STEPHANODISCUS RINDERANDS	3.7	0.44
STEPHANODISCUS MINUTUS	44.7	2.94	STEPHANODISCUS HANTZSCHII	9.3	1.10
STEPHANODISCUS SP.	71.2	4.68	STEPHANODISCUS MINUTUS	228.2	26.97
STEPHANODISCUS SUBTILIS	1.7	0.11	STEPHANODISCUS NIAGARAE	3.7	0.44
STEPHANODISCUS TRANSILVANICUS	8.3	0.54	STEPHANODISCUS SP.	146.5	17.32
SYNEPDA ACUS	3.3	0.22	STEPHANODISCUS TENUIIS	1.9	0.22
SYNEPDA DELICATISSIMA V. ANGUSTISSIMA	6.6	0.44	SURIRELLA ANGUSTA	1.9	0.22
SYNEPDA OSTENFELDII	5.0	0.33	SYNEPDA DELICATISSIMA V. ANGUSTISSIMA	3.7	0.44
SYNEPDA SP.	26.5	1.74	SYNEPDA FILIFORMIS	1.9	0.22
TABELLARIA FENESTRATA	24.8	1.63	SYNEPDA OSTENFELDII	3.7	0.44
			SYNEPDA SP.	5.6	0.66
			SYNEPDA TENERA	5.6	0.66
			SYNEPDA ULNA	1.9	0.22
			TABELLARIA FENESTRATA V. INTERMEDIA	5.6	0.66
TOTAL	1520.9	100.0	TOTAL	845.9	100.0

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DC-2 NO.OF FORMS = 62
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

DIVERSITY = 3.49

	CELLS/ML	PERCENT			
ANABAENA FLOS-AQUAE	13.0	0.28	NITZSCHIA ACICULARIS	1.9	0.04
ANABAENA SP. #2	1.9	0.04	NITZSCHIA CONFINIS	9.3	0.20
ANKISTRODESMUS GELIFACTUM	7.4	0.16	NITZSCHIA PALEA	1.9	0.04
ANKISTRODESMUS SP. #1	1.9	0.04	NITZSCHIA PALEACEA	9.3	0.20
ANKISTRODESMUS SP. #2	3.7	0.08	NITZSCHIA SP.	3.7	0.08
ASTERICHELLA FORMOSA	22.3	0.48	OOCYSTIS SP.	29.7	0.64
BORODINELLA POLYTRERAS	3.7	0.08	OSCILLATORIA SP.	7.4	0.16
CHAETOPHELIS ORBICULARIS	1.9	0.04	PREIDINIUM SP.	11.1	0.24
CHROCOCCUS DISPERSUS	11.1	0.24	SCENEDESMUS PICFILULARIS	7.8	0.16
COCCONHYA COCCOIDES	92.8	2.00	SCENEDESMUS DENTICULATUS	7.4	0.16
COSNARIUM SP.	3.7	0.08	SCENEDESMUS FALCATUS	7.4	0.16
CRUCIGFENIA TRUNCATA	29.7	0.64	SCENEDESMUS QUADRICAUDA V. LONGISPINA	37.1	0.80
CYCLOTILLA COMTA	1.9	0.04	SCENEDESMUS QUADRICAUDA	37.1	0.80
CYCLOTILLA CRYPTICA	31.5	0.68	SCENEDESMUS SP.	29.7	0.64
CYCLOTILLA KUEZZINGIANA	16.7	0.36	SCENEDESMUS WISCONSINENSIS	7.4	0.16
CYCLOTILLA MENEHGINIANA V. PLAYA	1.9	0.04	SPHAEROCYSTIS SCHROETERI	11.1	0.24
CYCLOTILLA MENEHGINIANA	20.4	0.44	STAURASTRUM SP.	1.9	0.04
CYCLOTILLA MICHIGANIANA	31.5	0.68	STEPHANODISCUS BINDERANUS	24.1	0.52
CYCLOTILLA SP.	435.9	9.42	STEPHANODISCUS MINUTUS	5.6	0.12
CYCLOTILLA STELLIGERA	497.1	10.75	STEPHANODISCUS SP.	14.8	0.32
DIATOMA TENUE V. FLOHIGATUM	1.9	0.04	STEPHANODISCUS SUBTILIS	64.9	1.40
DINOBRYON SOCIALE	1.9	0.04	STEPHANODISCUS TENNIS	1710.3	36.97
DINOFAGELLATES	7.4	0.16	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.7	0.08
FLAGELLATES	89.0	1.92	SYNEDRA FILIFORMIS	1.9	0.04
FRAGILARIA CROTONENSIS	144.7	3.13	SYNEDRA ULNA V. CHASEANA	1.9	0.04
GLENODINIUM SP.	11.1	0.24	TETRAEDRON CAUDATUM V. LONGISPINA	1.9	0.04
GLOEOPHYTIS SP.	463.8	10.02	TETRAEDRON SP.	5.6	0.12
GREEN COCCOID, UNKNOWN	42.7	0.92	TETRAEDRON TRIGONUM	1.9	0.04
KIRCHNERIELLA SP.	11.1	0.24	TETRAEDRON TUMIDULUM	1.9	0.04
MARSSONIELLA ELEGANS	11.1	0.24			
MELOSIRA GRANULATA	525.0	11.35			
MELOSIRA GRANULATA V. ANGUSTISSIMA	5.6	0.12			
NAVICULA SP.	1.9	0.04			
			TOTAL	4526.4	100.3

DC-3	NO. OF FORMS = 22 COUNTED BY: D.R. METHOD: SETTLE-FREEZE	DIVERSITY = 2.20	PC-4	NO. OF FORMS = 24 COUNTED BY: E.K. METHOD: SETTLE-FREEZE	DIVERSITY = 3.06
ANADAPNA FLOS-AQUAE CHROOCOCCUS DISPERGUS COCCOMYX COCCOIDES CYCLOTHELLA ATOMUS CYCLOTHELLA KUTZINGIANA CYCLOTHELLA MICHIGANIANA CYCLOTHELLA SP. CYCLOTHELLA STELLIGERA CYCLOTHELLA CONTA DINOBRYON DIVERGENS DINOFALGELLATES FLAGELLATES FRAGILLARIA CROTONENSIS GLOEODINIUM SP. GLOEOCYSTIS PLANCTONICA GLOEOCYSTIS SP. GREEN COCCOID, UNKNOWN GOCYSTIS SP. FERDINUM SP. SCHROEDERIFLLA PAPILLATA SPHAEROCYSTIS SCHROETZERI STAUROSTROM SP. STEPHANODISCUS TENNIS	CELLS/ML 4.1 16.5 4.1 9.3 11.3 3.1 3.1 311.4 6.2 1.0 3.4 6.2 1.0 20.6 24.7 4.1 10.3 2.1 8.2 1.0 1.0 3.1	PERCENT 0.88 3.54 0.88 1.99 2.43 0.61 0.66 66.31 1.33 0.22 2.88 1.33 0.22 4.41 5.31 0.88 2.21 0.44 1.77 0.22 0.22 0.66	ANADAPNA SP. ASTERIONELLA FORMOSA BLUF-GRFEN UNKNOWN CELLS BLUF-GRFEN UNKNOWN COLONY CHLAMYDOMONAS SP. CHROOCOCCUS SP. CRYPTOMONAS SP. CYCLOTHELLA ATOMUS CYCLOTHELLA CONTA CYCLOTHELLA KUTZINGIANA CYCLOTHELLA MICHIGANIANA CYCLOTHELLA SP. CYCLOTHELLA STELLIGERA DINOBRYON DIVERGENS FLAGELLATES FRAGILLARIA CROTONENSIS GLOEOCYSTIS SP. GREEN COLONY, UNKNOWN GREEN SOLITARY, UNKNOWN KELOFIPA GRANULATA MICROCYSTIS AERUGINOSA SCENEDESMUS SP. STEPHANODISCUS SUBTILIS STEPHANODISCUS TENNIS	CELLS/ML 1.7 16.7 1.7 1.7 140.4 1.7 3.3 11.7 1.7 3.3 10.0 70.2 168.8 20.1 1.7 108.6 13.4 5.0 41.8 1.7 1.7 1.7 5.0 1.7	PERCENT 0.26 2.53 0.26 0.26 22.11 0.26 0.53 1.84 0.26 0.53 1.58 11.05 26.58 3.16 0.26 17.11 2.11 0.79 6.58 0.26 0.26 0.26 0.79 0.26
TOTAL	466.0	100.0	TOTAL	635.0	100.0

DC-5	NO. OF FORMS = 16 COUNTED BY: E.K. METHOD: SETTLE-FREEZE	DIVERSITY = 2.64
ANADAPNA SP. ASTERIONELLA FORMOSA CHLAMYDOMONAS SP. CHROOCOCCUS LINNETICUS CHROOCOCCUS SP. COSMARION SP. CRYPTOMONAS SP. CYCLOTHELLA CONTA CYCLOTHELLA MICHIGANIANA CYCLOTHELLA SP. CYCLOTHELLA STELLIGERA DINOBRYON DIVERGENS GLOEOCYSTIS PLANCTONICA MICROCYSTIS AERUGINOSA MICROCYSTIS SP. STEPHANODISCUS SP.	CELLS/ML 1.7 0.8 16.8 2.5 5.9 2.5 5.0 1.7 0.8 10.1 51.2 0.8 2.5 0.8 0.8 1.7	PERCENT 1.59 0.79 15.87 2.38 5.56 2.38 4.76 1.59 0.79 9.52 48.41 0.79 2.38 0.79 0.79 1.59
TOTAL	105.8	100.0

NDC-5-2		NO.OP FORMS = 55	DIVERSITY = 3.56	
		COUNTED BY: D.R.		
		METHOD: SETTLE-FREEZE		
	CELLS/ML	PERCENT		
ATTINASTRUM HARTZSCHII	63.1	1.87		
AVAPARNA FLOS-AQUAE	14.8	0.42		
AKISTRODESMUS GELIFACTUM	7.4	0.21		
AKISTRODESMUS FALCATUS	1.9	0.05		
AKISTRODESMUS SP. #1	5.6	0.16		
AKISTRODESMUS SP. #3	1.9	0.05		
AKISTRODESMUS SP. #5	3.7	0.11		
AKISTRODESMUS SP. #5	7.4	0.21		
ASTROFONELLA FORMOSA	7.4	0.21		
COCOMOXA COCCOIDES	35.2	1.01		
CYFOTOMAS SP.	3.7	0.11		
CYCLOTILLA CRYPTICA	18.5	0.53		
CYCLOTILLA KUEZINGIANA	3.7	0.11		
CYCLOTILLA KENEGHINIANA	9.3	0.27		
CYCLOTILLA MICHIGANIANA	3.7	0.11		
CYCLOTILLA SP.	372.9	10.66		
CYCLOTILLA STELLIGERA	372.9	10.66		
PACTYLOCOCCUS SP.	1.9	0.05		
FLAGELLATES	89.0	2.55		
FRAGILARIA CROTONENSIS	42.7	1.22		
GLERODINIUM SP.	13.0	0.37		
GLOEOCYSTIS SP.	333.9	9.55		
GREEN COCCOID, UNKNOWN	11.1	0.32		
KIRCHNERIELLA SP.	48.2	1.38		
KARSSONIELLA ELEGANS	11.1	0.32		
MYOSIRA GRANULATA	274.5	7.85		
MYOSIRA ITALICA	11.1	0.32		
NAVICULA SP.	1.9	0.05		
NITZSCHIA ACICULARIS	1.9	0.05		
NITZSCHIA CONFINIS	1.9	0.05		
NITZSCHIA PALEACEA	1.9	0.05		
NITZSCHIA SP.	7.4	0.21		
OOCYSTIS SP.	13.0	0.37		
OSILLATORIA SP.	3.7	0.11		
PEDIASTRUM MURKX	1.9	0.05		
SCENEDSMUS RICELLULARIS	44.5	1.27		
SCENEDSMUS FALCATUS	14.8	0.42		
SCENEDSMUS OPHIENSIS	3.7	0.11		
SCENEDSMUS QUADRICAUDA V. LONGISPINA	14.8	0.42		
SCENEDSMUS QUADRICAUDA	11.1	0.32		
SCENEDSMUS SERRATUS	7.4	0.21		
SCENEDSMUS SP.	85.3	2.44		
SCHROEDERIELLA PAPILLATA	207.8	5.94		
SPAPROCISTIS SCHROETERI	3.7	0.11		
STAUASTRUM SP.	3.7	0.11		
STEPHANODISCUS BINDERANUS	11.1	0.32		
STEPHANODISCUS MINUTUS	16.7	0.48		
STEPHANODISCUS SP.	13.0	0.37		
STEPHANODISCUS SUNTILIS	51.9	1.49		
STEPHANODISCUS TENNIS	1183.5	33.85		
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.7	0.11		
SYNEDRA FILIFORMIS	3.7	0.11		
SYNEDRA ULNA	1.9	0.05		
TETRAEDRON CAUDATUM	5.6	0.16		
TETRAEDRON SP.	5.6	0.16		
TOTAL	3496.7	100.0		

DC-6		NO.OP FORMS = 32	DIVERSITY = 2.83	
		COUNTED BY: E.K.		
		METHOD: SETTLE-FREEZE		
	CELLS/ML	PERCENT		
ANADAPNA SP.	4.6	0.55		
BLUE-GREEN UNKNOWN CELLS	12.4	1.78		
BLUE-GREEN UNKNOWN COLONY	0.36	0.16		
CHLAMYDOMONAS SP.	190.9	27.39		
CHROOCOCCUS LIMNETICUS	0.8	0.12		
CHROOCOCCUS PRESCOTTII	0.4	0.06		
CHROOCOCCUS SP.	5.8	0.03		
COLASTRUM SPHAERICUM	0.8	0.12		
CYFOTOMAS SP.	2.1	0.33		
CYCLOTILLA ATOMUS	224.8	32.26		
CYCLOTILLA COMTA	0.4	0.06		
CYCLOTILLA KUEZINGIANA	0.4	0.06		
CYCLOTILLA MICHIGANIANA	12.4	1.78		
CYCLOTILLA OCELLATA	2.1	0.30		
CYCLOTILLA SP.	34.8	4.99		
CYCLOTILLA STELLIGERA	122.5	17.59		
DIBOREYON DIVERGENS	6.2	0.89		
FLAGELLATES	2.5	0.36		
FRAGILARIA CROTONENSIS	2.1	0.30		
GLOEOCYSTIS PLANCTONICA	12.8	1.84		
GLOEOCYSTIS SP.	28.2	4.04		
GLOEOCYSTIS VESICULOSA	2.9	0.42		
GREEN COLONY, UNKNOWN	3.3	0.48		
GREEN SOLITARY, UNKNOWN	10.3	1.49		
HALLOMCHAS SP.	4.6	0.55		
MICROCYSTIS AERUGINOSA	1.7	0.24		
OOCYSTIS SP.	0.4	0.06		
ONADPIGULA LACUSTRIS	1.2	0.18		
SCENEDSMUS SP.	0.4	0.06		
SPAPROCISTIS SCHROETERI	0.8	0.12		
STEPHANODISCUS MINUTUS	0.4	0.06		
STEPHANODISCUS TENNIS	1.2	0.18		
TOTAL	696.8	100.0		

DIVERSITY = 3.88

NDC 1-0 NO. OF FORMS = 60
COUNTED BY: D.R.
METHOD: SETTLE-PREZE

	CELLS/ML	PERCENT			
ACHNANTHES LANCEOLATA V. DUBIA	9.3	0.49	NITZSCHIA CAPITELLATA	3.7	0.20
ACHNANTHES SP.	1.9	0.10	NITZSCHIA CONFINIS	3.7	0.20
ACHNANTHES SP. #1	1.9	0.10	NITZSCHIA DISSIPATA	1.9	0.10
ACTINASTRUM HANTZSCHII V. FLOVIATILE	9.3	0.49	NITZSCHIA SP.	9.3	0.49
AMPHOEA OVALIS V. LIBYCA	3.7	0.20	NITZSCHIA SP. #2	5.6	0.30
ANABAENA FLOS-AQUAE	9.3	0.49	GOCYSTIS SP.	1.9	0.10
ANKISTEODEXUS GELIFACTUM	18.5	0.99	OSCELLATORIA SP.	3.7	0.20
ANKISTEODEXUS SP. #1	1.9	0.10	PERIDINIUM SP.	16.7	0.89
ANKISTEODEXUS SP. #3	1.9	0.10	PHILOCORYSIS SP.	7.4	0.39
ASTRICHOMELLA FORMOSA	18.5	0.99	SCENEDESMUS ABUNDANS	7.4	0.39
BORODINELLA POLYIETRAS	1.9	0.10	SCENEDESMUS BICELLULARIS	14.8	0.79
CHROCOCCUS DISPERSUS	7.4	0.39	SCENEDESMUS PRINIZII	7.4	0.39
CYCLOTELLA CRYPTICA	5.6	0.30	SCENEDESMUS QUADRICAUDA V. LONGISPINA	37.1	1.97
CYCLOTELLA KUETZINGIANA	11.1	0.59	SCENEDESMUS QUADRICAUDA	7.4	0.39
CYCLOTELLA MENEGHINIANA	3.7	0.20	SCENEDESMUS SP.	46.4	2.47
CYCLOTELLA SP.	113.2	6.02	SCENEDESMUS TENUISPINA	3.7	0.20
CYCLOTELLA STELLIGERA	100.2	5.33	SPHAEROCYSTIS SCHROETTERI	1.9	0.10
DIAFOXA TENUE V. ELONGATUM	1.9	0.10	STEPHANODISCUS MINUTUS	3.7	0.20
DINCERYON DIVERGENS	1.9	0.10	STEPHANODISCUS SP.	18.5	0.99
EUGLENA SP.	1.9	0.10	STEPHANODISCUS SUBTILIS	37.1	1.97
FLAGELLATES	29.7	1.58	STEPHANODISCUS TENUIS	64.8	34.16
FLAGILLARIA CAPUCINA	63.1	3.36	SYMPLETA DELICATISSIMA V. ANGUSTISSIMA	3.7	0.20
FLAGILLARIA CPOTONENSIS	72.3	3.85	SYMPLETA FILIFORMIS	1.9	0.10
GLENODINIUM SP.	20.4	1.09	SYMPLETA ULNA V. CHASEANA	1.9	0.10
GLOEOCYSTIS SP.	161.4	8.59	TABELLARIA FENESTRATA V. INTERMEDIA	16.7	0.89
GREEN COCCOID, UNKNOWN	33.4	1.78	TABELLARIA FLOCCULOSA	7.4	0.39
GREEN FILAMENT, UNKNOWN	1.9	0.10	TETRAEDRON CAUDATUM V. LONGISPINA	1.9	0.10
KIPCHIRIELLA SP.	26.0	1.38	TETRAEDRON SP.	3.7	0.20
MARSSONIIFILIA ELEGANS	7.4	0.39			
NELOSIRA GRANULATA	27.2	1.41			
NAVICULA SP.	1.9	0.10			
NITZSCHIA ACICULARAFOIDES	1.9	0.10			
			TOTAL	1879.1	100.0

NDC 2-0 NO. OF FORMS = 66
COUNTED BY: D.R.
METHOD: SITTLE-FREEZE

ACTINASTRUM HANTZSCHII V. FLUVIATILE
ANARAPA FLOS-AQUAE
ANKISTRODESMUS FALCATUS
ANKISTRODESMUS SP. #1
ANKISTRODESMUS SP. #5
ASTRIONELLA FORMOSA
BORODINELLA POLYTETRAS
CHROCOCCUS DISPERUS
COCCONYXA COCCOIDES
CRUCIGENIA SP.
CYCLOTELLA CRYPTICA
CYCLOTELLA KUTZINGIANA
CYCLOTELLA KRECHINGIANA
CYCLOTELLA MICHIGANIANA
CYCLOTELLA OPERCULATA
CYCLOTELLA SP.
CYCLOTELLA STELLIGERA
FACYLCOCCOPSIS SP.
LITATONA TENUE V. ELONGATUM
DIATOMA TENUE V. PACHYCEPHALUM
ECHINOSPHERELLA LIMNETICA
FLAGELLATES
FRAGILARIA CAPUCINA
FRAGILARIA CROTONENSIS
GLEKODINIUM SP.
GLOFOCYSTIS SP.
GREEN COCCOID, UNKNOWN
GREEN FILAMENT, UNKNOWN
KIRCHNERIELLA SP.
PARSONIELLA ELEGANS
VELOSIERA GRANULATA
VELOSIERA GRANULATA V. MUZZANENSIS
MICROPACINIUM PUSILLUM
NAVICULA SP.

DIVERSITY = 3.65

CELLS/ML	PERCENT			
64.9	2.03	KITZSCHIA COMPINIS	5.6	0.17
11.1	0.35	KITZSCHIA PALEACEA	1.9	0.06
1.9	0.06	KITZSCHIA SP.	3.7	0.12
1.9	0.06	COCCYSTIS SP.	31.5	0.99
22.3	0.70	OPHIOCYTIUM SP.	3.7	0.12
16.7	0.52	OSCILLATORIA LINNETICA	1.9	0.06
5.6	0.17	OSCILLATORIA SP.	3.7	0.12
7.4	0.23	PEPIDINIUM SP.	18.5	0.58
85.3	2.67	PHIZOSOLENIA FRIENSIS	1.9	0.06
7.4	0.23	PHIZOSOLENIA CURVATA	1.9	0.06
11.1	0.35	SCENEDESMUS BICILLULARIS	16.7	0.52
9.3	0.29	SCENEDESMUS DIMORPHUS	9.3	0.29
9.3	0.29	SCENEDESMUS FALCATUS	29.7	0.93
7.4	0.23	SCENEDESMUS QUADRICAUDA V. LONGISPINA	29.7	0.93
1.9	0.06	SCENEDESMUS QUADRICAUDA V. PARVUS	7.4	0.23
126.1	3.95	SCENEDESMUS QUADRICAUDA	26.0	0.81
157.7	4.94	SCENEDESMUS SP.	39.0	1.22
1.9	0.06	SPHAEROCYSTIS SCHROETERI	1.9	0.06
3.7	0.12	STEPHANODISCUS RINDERANUS	14.8	0.46
1.9	0.06	STEPHANODISCUS MINUTUS	1.9	0.06
1.9	0.06	STEPHANODISCUS SP.	14.8	0.46
51.9	1.63	STEPHANODISCUS SUBTILIS	66.8	2.09
55.6	1.74	STEPHANODISCUS TENUIS	1315.2	41.17
40.8	1.28	SURIPELLA ANGUSTA	1.9	0.06
26.0	0.81	SYNEDRA ACUS	3.7	0.12
230.0	7.20	SYNEDRA FILIFORMIS	5.6	0.17
70.5	2.21	SYNEDRA MINUSCULA	1.9	0.06
1.9	0.06	SYNEDRA SP.	1.9	0.06
27.8	0.87	SYNEDRA ULNA V. CHASEANA	1.9	0.06
22.3	0.70	TABELLARIA PENETRATA V. INTERMEDIA	22.3	0.70
387.7	12.14	TABELLARIA FLOCCULOSA	9.3	0.29
9.3	0.29	TETRAEDRON SP.	7.4	0.23
1.4	0.43			
3.7	0.12			
		TOTAL	3194.3	100.0

NDC 2-1			NDC 2-3		
NO.OF FORMS = 46			NO.OF FORMS = 17		
COUNTED BY: E.K.			COUNTED BY: E.K.		
METHOD: SETTLE-FREEZE			METHOD: SETTLE-FREEZE		
DIVERSITY = 2.97			DIVERSITY = 2.91		
CELLS/ML	PERCENT		CELLS/ML	PERCENT	
8.3	0.24	ANABAENA SP.	1.7	0.31	
1.7	0.05	ANKISTRODESMUS FALCATUS	9.9	1.85	
31.4	0.91	ASTERIONELLA FORMOSA	5.0	0.92	
13.2	0.38	ASTERIONELLA FORMOSA V. GRACILLIMA	69.5	12.92	
9.9	0.29	BLUE-GREEN UNKNOWN CELLS	1.7	0.31	
3.3	0.10	BLUE-GREEN UNKNOWN COLONY	54.6	10.15	
168.8	4.89	CHLAMYDOMONAS SP.	1.7	0.31	
1.7	0.05	CHROOCOCCLUS SP.	1.7	0.31	
5.0	0.14	COELASTRUM SP.	13.2	2.46	
13.2	0.38	CRYPTOMONAS SP.	148.9	27.69	
3.3	0.10	CYCLOTELLA COMTA	145.6	27.08	
3.3	0.10	CYCLOTELLA MENEGHINIANA V. PLANA	29.8	5.54	
9.9	0.29	CYCLOTELLA MENEGHINIANA	16.5	3.08	
5.0	0.14	CYCLOTELLA MICHIGANIANA	1.7	0.31	
3.3	0.10	CYCLOTELLA OCELLATA	13.2	2.46	
271.4	7.86	CYCLOTELLA SP.	148.9	27.69	
24.8	0.72	CYCLOTELLA STELLIGERA	145.6	27.08	
1.7	0.05	DIATOMA VULGARE	29.8	5.54	
1.7	0.05	DICTYOSPHAERIUM PULCHELLUM	16.5	3.08	
3.3	0.10	FIAGELLATES	1.7	0.31	
13.2	0.38	FRAGILARIA CAPUCINA	13.2	2.46	
11.6	0.34	FRAGILARIA CONSTRUENS	148.9	27.69	
173.8	5.03	FRAGILARIA CROTONFENSIS	145.6	27.08	
9.9	0.29	GLOECYSTIS PLANCTONICA	29.8	5.54	
39.7	1.15	GLOECYSTIS SP.	16.5	3.08	
1.7	0.05	GOPHONEMA SP.	1.7	0.31	
24.8	0.72	GREEN COLONY, UNKNOWN	21.5	4.30	
94.3	2.73	GREEN SOLITARY, UNKNOWN	8.3	1.54	
152.3	4.41	HELOSIRA GRANULATA	5.0	0.92	
983.1	28.46	HELOSIRA GRANULATA V. ANGUSTISSIMA			
1.7	0.05	NAVICULA RADIOSA			
16.5	0.48	NITZSCHIA SP.			
5.0	0.14	OCCYSTIS SP.			
1.7	0.05	OSCILLATORIA SP.			
1.7	0.05	PEDIASTRUM DUPLEX			
3.3	0.10	SCENEDESMUS QUADRICAUDA V. MAXIMUS			
1.7	0.05	SCENEDESMUS QUADRICAUDA			
18.2	0.53	SCENEDESMUS SP.			
36.4	1.05	SCENEDESMUS SP.			
1.7	0.05	STEPHANODISCUS HANTZSCHII			
14.9	0.43	STEPHANODISCUS MINUTUS			
6.6	0.19	STEPHANODISCUS SP.			
1231.3	35.65	STEPHANODISCUS SUBTILIS			
3.3	0.10	STEPHANODISCUS TENUIS			
14.9	0.43	SYNDRA ACUS			
6.6	0.19	SYNDRA DELICATISSIMA V. ANGUSTISSIMA			
		SYNDRA SP.			
TOTAL	3454.0		TOTAL	537.9	100.0

125

NDC 7-3

NO. OF FORMS = 23
COUNTED BY: E.K.
METHOD: SETTLE-PRESESS

DIVERSITY = 2.72

CELLS/ML	PERCENT
5.0	0.89
3.3	0.59
4.1	0.74
0.8	0.15
85.3	15.21
11.6	2.07
1.7	0.30
13.2	2.36
6.6	1.18
46.4	8.27
262.5	46.82
0.8	0.15
2.5	0.44
55.5	9.90
7.5	1.33
7.5	1.33
0.8	0.15
1.7	0.30
30.6	5.47
2.5	0.44
0.8	0.15
2.5	0.44
7.5	1.33

TOTAL

560.6

100.0

NDC 7-5

NO. OF FORMS = 20
COUNTED BY: D.R.
METHOD: SETTLE-PRESESS

DIVERSITY = 2.89

CELLS/ML	PERCENT
12.1	3.68
1.9	0.57
14.8	4.53
3.7	1.13
1.9	0.57
1.9	0.57
10.2	3.12
0.9	0.28
52.0	15.96
0.9	0.28
0.9	0.28
98.4	30.03
26.0	7.93
1.9	0.57
84.4	25.78
3.7	1.13
6.5	1.98
0.9	0.28
0.9	0.28
3.7	1.13

TOTAL

327.6

100.0

SDC.5-6 NO. OF FORMS = 30
COUNTED BY: E.K.
METHOD: SETTLE-PRESESS

DIVERSITY = 3.48

CELLS/ML	PERCENT
120.8	13.72
1.7	0.19
39.7	4.51
5.0	0.56
5.0	0.56
16.5	1.88
3.3	0.38
120.8	13.72
170.5	19.36
33.1	3.76
39.7	4.51
14.9	1.69
11.6	1.32
16.5	1.88
46.3	5.26
1.7	0.19
1.7	0.19
1.7	0.19
5.0	0.56
3.3	0.38
1.7	0.19
1.7	0.19
11.6	1.32
1.7	0.19
8.3	0.94
3.3	0.38
185.4	21.05
1.7	0.19
5.0	0.56

TOTAL

880.5

100.0

SDC 5-2 NO. OF FORMS = 50
COUNTED BY: E.K.
METHOD: SETTLE-FREEZE

DIVERSITY = 3.16

	CELLS/ML	PERCENT
AMPHORA SP.	1.7	0.04
ANABAENA CIRCINALIS	5.2	0.13
ANACYSTIS SP.	1.7	0.04
ANKISTRODESMUS FALCATUS	1.7	0.04
ANKISTRODESMUS SP.	5.2	0.13
CALONEIS SP.	1.7	0.04
CHLAMYDOMONAS SP.	291.9	7.17
CHROCOCCUS SP.	10.3	0.25
COLEPASTRUM SP.	10.3	0.25
CRYPTOCODONAS SP.	24.0	0.59
CYCLOPHELLA MENEGHINIANA	8.6	0.21
CYCLOPHELLA MICHIGAMIANA	27.5	0.67
CYCLOPHELLA OCCELLATA	8.6	0.21
CYCLOPHELLA SP.	626.7	15.39
CYCLOPHELLA STELLIGERA	338.2	8.31
DIATOMA ICHUE V. ELONGATUM	1.7	0.04
DINORRYNCHON DIVERGENS	5.2	0.13
FLAGELLATES	6.9	0.17
FRAGILARIA CROTONENSIS	109.9	2.70
FRAGILARIA PINNATA	5.2	0.13
GLOEOCYSTIS SP.	39.5	0.97
GUTTEN COLONY, UNKNOWN	49.8	1.22
GYNODINIUM SP.	1.7	0.04
HELOSIRA GRANULATA	216.3	5.31
HELOSIRA GRANULATA V. ANGUSTISSIMA	1014.7	24.92
HELOSIRA ITALICA	3.4	0.08
KLEBSIPHONIA ELZGANS	1.7	0.04
LAVICULA COSTULATA	1.7	0.04
NAVICULA SP.	1.7	0.04
NITZSCHIA SP.	42.9	1.05
OOCYSTIS SP.	6.9	0.17
OSCIILLATORIA SP.	1.7	0.04
PHIZOSCLEMIA BRIENSIS	1.7	0.04
PHOICOSPERMIA CUPVATA	1.7	0.04
SCENEDSMUS DIMORPHUS	1.7	0.04
SCENEDSMUS INCRASSATULATUS	1.7	0.04
SCENEDSMUS QUADRICAUDA	12.0	0.30
SCENEDSMUS SP.	20.6	0.51
STEPHANODISCUS ALPINUS	5.2	0.13
STEPHANODISCUS HANZSCHII	15.5	0.38
STEPHANODISCUS MINUTUS	17.2	0.42
STEPHANODISCUS SP.	12.0	0.30
STEPHANODISCUS SUBTILIS	18.9	0.46
STEPHANODISCUS TENUIIS	1061.1	26.35
SYNEDEA ACUS	3.4	0.08
SYNEDEA DELICATISSIMA	1.7	0.04
SYNEDEA DELICATISSIMA V. ANGUSTISSIMA	3.4	0.08
SYNEDEA SP.	12.0	0.30
TABELLARIA PENESTATA	6.9	0.17
TETRAEDRON MINUTUM	1.7	0.04
TOTAL	4072.7	100.0

SDC 1-0 NO. OF FORMS = 34
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

DIVERSITY = 3.91

	CELLS/ML	PERCENT
ANABAENA PLOS-AQUAE	9.3	1.10
ANKISTRODESMUS FALCATUS	1.9	0.22
ANKISTRODESMUS SP. #5	7.4	0.88
ASTERIONELLA FORMOSA	27.8	3.30
COSMARUM SP.	1.9	0.22
CYCLOPHELLA KUEZZINGIANA	5.6	0.66
CYCLOPHELLA MICHIGAMIANA	5.6	0.66
CYCLOPHELLA SP.	89.0	10.55
CYCLOPHELLA STELLIGERA	103.9	12.31
FLAGELLATES	16.7	1.98
FRAGILARIA CROTONENSIS	18.5	2.20
FRAGILARIA INTERMEDIA	1.9	0.22
GLOEODINIUM SP.	20.4	2.42
GLOEOCYSTIS SP.	98.3	11.65
GREEN COCCOID, UNKNOWN	37.1	4.40
MARSONIELLA ELEGANS	9.3	1.10
HELOSIRA GRANULATA	22.4	2.42
HELOSIRA GRANULATA V. ANGUSTISSIMA	3.7	0.44
NITZSCHIA CONFINIS	1.9	0.22
NITZSCHIA SP.	3.7	0.44
OOCYSTIS SP.	7.4	0.88
PELIDINIUM SP.	50.1	5.93
SCENEDSMUS BICELLULARIS	18.5	2.20
SCENEDSMUS QUADRICAUDA	29.7	3.52
SPHAEROCYSTIS SCHROETERI	1.9	0.22
STEPHANODISCUS BINDERANUS	5.6	0.66
STEPHANODISCUS MINUTUS	9.3	1.10
STEPHANODISCUS SP.	11.1	1.32
STEPHANODISCUS SUBTILIS	7.4	0.88
STEPHANODISCUS TENUIIS	196.6	23.30
SYNEDEA DELICATISSIMA V. ANGUSTISSIMA	1.9	0.22
SYNEDEA DELICATISSIMA	1.9	0.22
TETRAEDRON MINUTUM	3.7	0.44
TETRAEDRON PENTAEDERICUM	14.8	1.76
WESTELLA LINPARIS		
TOTAL	844.0	100.0

SDC 1-1	NO.OF FORMS = 61	DIVERSITY = 3.59			
	COUNTED BY: E.K.				
	METHOD: SETTLE-FREEZE				
		CELLS/ML	PERCENT		
ACHNANTHES LANCEOLATA V. DULLA		3.3	0.12	KTECHNERIELLA SP.	1.7
AMPHORA OVALIS		1.7	0.06	PELOSIPA GRANULATA	222.0
AMPHORA OVALIS V. PEDICULUS		1.7	0.06	PELOSIPA GRANULATA V. ANGUSTISSIMA	344.7
ANABAENA SP.		9.9	0.36	PHOCOCYSTIS AEFUGINOSA	8.3
ANKISTRODESMUS FALCATUS		8.3	0.30	NAVICULA SP.	5.0
ANKISTRODESMUS SP.		1.7	0.06	NAVICULA TRIPUNCTATA	1.7
ASTERICKELLA FORMOSA		36.5	1.32	KITZSCHIA PALEA	1.7
ELUF-GREEN UNKNOWN CELLS		38.1	1.38	KITZSCHIA SP.	11.6
CHLAMYDOMONAS SP.		336.4	12.16	COCYSTIS SP.	5.0
CHROCOCCUS SP.		3.3	0.12	OSCILLATORIA SP.	3.3
COELASTRUM SP.		6.6	0.24	PEDIASTRUM DUPLEX V. GRACILLIMUM	1.7
CRYPTOMONAS SP.		6.6	0.24	PHOPHIDIUM SP.	1.7
CYCIOTELLA ATOMUS		61.3	2.22	QUADRIPIGULA LACUSTRIS	1.7
CYCIOTELLA KUTZINGIANA		1.7	0.06	RHIZOCLENTA FRIENDS	3.3
CYCIOTELLA MENEHINIANA		1.7	0.06	SCENEDESMUS ABUNDANS	6.6
CYCIOTELLA MICHIGANIANA		16.6	0.50	SCENEDESMUS ACUMINATUS	1.7
CYCIOTELLA OCELLATA		1.7	0.06	SCENEDESMUS DIMORPHUS	1.7
CYCIOTELLA SP.		487.2	17.60	SCENEDESMUS QUADRICAUDA V. MAXIMUS	1.7
CYCIOTELLA STELLIGERA		71.3	2.57	SCENEDESMUS QUADRICAUDA	3.3
DINOTOMA TENUE V. ELONGATUM		1.7	0.06	SCENEDESMUS SP.	1.7
DINOBRYON DIVERGENS		3.3	0.12	STEPHANODISCUS ALPINUS	1.7
FLAGELLATES		9.9	0.36	STEPHANODISCUS HANTZSCHII	1.7
FRAGILARIA CAPUCINA		8.3	0.30	STEPHANODISCUS MINUTUS	8.3
FRAGILARIA CROTONEINSIS		43.1	1.56	STEPHANODISCUS SP.	5.0
GLOEOCYSTIS PLANCTONICA		1.7	0.06	STEPHANODISCUS SUBTILIS	13.3
GLOEOCYSTIS SP.		36.5	1.32	STEPHANODISCUS TENUIS	526.3
GLOEOCYSTIS VESICULOSA		23.2	0.84	SYMPEDRA DELICATISSIMA	1.7
GOMPHOSEPHAFIA LACUSTRIS V. COMPACTA		1.7	0.06	SYMPEDRA DELICATISSIMA V. ANGUSTISSIMA	5.0
GREEN COLONY, UNKNOWN		9.9	0.36	SYMPEDRA SP.	1.7
GREEN FILAMENT, UNKNOWN		5.0	0.18	TETRAEDRON PENTAEEDRICUM	1.7
GREEN SOLITARY, UNKNOWN		232.0	8.38		
				TOTAL	2767.2
					100.0

SDC 1-2 NO. OF FORMS = 48
COUNTED BY: E.K.
METHOD: SETTLE-PREZE

DIVERSITY = 3.28

	CELLS/ML	PERCENT
ACHNANTHES SP.	3.3	0.08
ANABAENA SP.	1.7	0.04
ANKISTRODESMUS PALCATUS	1.7	0.04
ANKISTRODESMUS SP.	8.3	0.20
ASTERIONELLA POPPOSA	18.2	0.44
BLUF-GREEN UNKNOWN CELLS	13.2	0.32
BLUF-GREEN UNKNOWN COLONY	3.3	0.08
CHLAMYDOMONAS SP.	213.5	5.17
CHROOCOCCLUS SP.	8.3	0.20
COCOCOCCLUS PLACENTULA	1.7	0.04
CRYPTOPHORAS SP.	9.9	0.24
CYCLOTELLA ATOMUS	11.6	0.28
CYCLOTELLA MENECHINIANA	21.5	0.52
CYCLOTELLA NICHIGANIANA	14.9	0.36
CYCLOTELLA OCELLATA	3.3	0.08
CYCLOTELLA SP.	640.5	15.50
CYCLOTELLA STELLIGERA	352.5	8.53
DIATOMA TENUE V. ELONGATUM	6.6	0.16
DINORIVON DIVERGENS	3.3	0.08
FLAETOCHEIX GELATINOSA	1.7	0.04
FLAGELLATES	9.9	0.24
FRAGILLARIA CROTONENSIS	86.1	2.08
FRANCEIA DROESCHERI	1.7	0.04
GLOECYSTIS SP.	96.0	2.32
GREEN COLONY, UNKNOWN	44.7	1.08
GREEN FILAMENT, UNKNOWN	5.0	0.12
GREEN SOLITARY, UNKNOWN	89.4	2.16
HELOSIFA GRANULATA	160.5	3.99
HELOSIFA GRANULATA V. ANGUSTISSIMA	721.6	17.47
MITZSCHIA SP.	56.3	1.36
OOCYSTIS SP.	1.7	0.04
PEDIASTRUM DUPLEX	3.3	0.08
RHIZOSOLENIA FRIENSIS	3.3	0.08
RHIZOSOLENIA LONGISETA	1.7	0.04
SCENEDESMUS DIMORPHUS	1.7	0.04
SCENEDESMUS QUADRICAUDA	1.7	0.04
SCENEDESMUS SP.	39.7	0.96
SELINASTRUM SP.	6.6	0.16
STEPHANODISCUS HANTZSCHII	62.9	1.52
STEPHANODISCUS MINUTUS	24.8	0.60
STEPHANODISCUS SP.	11.6	0.28
STEPHANODISCUS SUBTILIS	14.9	0.36
STEPHANODISCUS TENUIIS	1322.3	32.01
SYMPLOA ACUS	3.3	0.08
SYMPLOA DELICATISSIMA V. ANGUSTISSIMA	6.6	0.16
SYMPLOA PARASITICA	1.7	0.04
SYMPLOA SP.	11.6	0.28
TABELLARIA FINESTRA	1.7	0.04
TOTAL	4130.8	100.0

SDC 2-0 NO. OF FORMS = 38
COUNTED BY: D.R.
METHOD: SETTLE-PREZE

DIVERSITY = 4.06

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	11.1	2.26
ANKISTRODESMUS SP. #1	1.9	0.38
ASTERIONELLA POPPOSA	1.9	0.38
BLUF-GREEN UNKNOWN CELLS	14.8	3.01
RODODINELLA POLYTETRAS	1.9	0.38
CERATIUM HIPPODINELLA	1.9	0.38
CHROOCOCCLUS DISPERSUS	7.4	1.50
CHROOCOCCLUS DISPERSUS V. MINOR	11.1	2.26
COCOCOCCLUS COCCOIDES	7.4	1.50
COSMARUM SP.	1.9	0.38
CYCLOTELLA KUETZINGIANA	3.7	0.75
CYCLOTELLA SP.	22.3	4.51
CYCLOTELLA STELLIGERA	57.5	11.65
DINORIVON DIVERGENS	3.7	0.75
DINOFLLAGELLATES	1.9	0.38
FLAGELLATES	29.7	6.02
FRAGILLARIA CROTONENSIS	5.6	1.13
GLIMCINIUM SP.	7.4	1.50
GLOECYSTIS SP.	66.8	13.53
GREEN FILAMENT, UNKNOWN	3.7	0.75
KIRCHNERIELLA SP.	1.9	0.38
MITZSCHIA COMPINIS	1.9	0.38
MITZSCHIA SP.	1.9	0.38
OSCILLATORIA LIMNETICA	3.7	0.75
OSCILLATORIA SP.	3.7	0.75
PEDIASTRUM DUPLEX	1.9	0.38
PERIDINIUM SP.	31.5	6.39
RHIZOSOLENIA FRIENSIS	1.9	0.38
SCENEDESMUS DICELLULARIS	26.0	5.26
SCENEDESMUS QUADRICAUDA V. LONGISPINA	7.4	1.50
SCENEDESMUS QUADRICAUDA	7.4	1.50
SCENEDESMUS SEPRATUS	3.7	0.75
SCENEDESMUS SP.	7.4	1.50
SPINEROCYSTIS SCHOFTERI	3.7	0.75
STEPHANODISCUS TENUIIS	113.2	22.93
TETRAPYRON SP.	3.7	0.75
TOTAL	493.4	100.0

SDC 2-3	NO. OF FORMS = 56 COUNTED BY: E.K. METHOD: SITTLE-FREEZE	DIVERSITY = 3.28
ACTINASTRUM HANTZSCHII	CELLS/ML	PERCENT
ANADARA SP.	1.7	0.03
ANKISTRODESMUS FALCATUS	11.6	0.24
ANKISTRODESMUS SP.	6.6	0.14
APHANIZOEPHON FLOS-AQUAE	1.7	0.03
ASTERICHELLA FORMOSA	3.3	0.07
BLUE-GREEN UNKNOWN CELLS	8.3	0.17
BLUE-GREEN UNKNOWN COLONY	48.0	1.01
CHLAMYDOMONAS SP.	9.9	0.21
COFLASTUM SP.	236.7	4.98
CRUCIGENIA TETRAPEDIA	11.6	0.24
CRYPTOMONAS SP.	3.3	0.07
CYCLOTELLA ATOMUS	18.2	0.38
CYCLOTELLA KUETZINGIANA	49.6	1.04
CYCLOTELLA MENECHINIANA	1.7	0.03
CYCLOTELLA MICHIGANIANA	13.2	0.28
CYCLOTELLA SP.	6.6	0.14
CYCLOTELLA STELLIGERA	60.8	1.26
DICOCYSPHAETUM PULCHELLUM	160.5	3.38
FINORRYON DIVERGENS	1.7	0.03
FIKATOTUPIX VIRIDIS	28.1	0.59
FLAGELLATES	3.3	0.07
FRAGILARIA CEOTONENSIS	9.9	0.21
GLOEOCYSTIS PLANTONICA	9.9	0.21
GLOEOCYSTIS SP.	14.9	0.31
GOMPHOSPHERIA SP.	115.8	2.44
GREEN COCCOID, UNKNOWN	1.7	0.03
GREEN COLONY, UNKNOWN	376.5	6.45
GREEN FILAMENT, UNKNOWN	36.4	0.77
HELOSIRA GRANULATA	11.6	0.24
HELOSIRA GRANULATA V. ANGUSTISSIMA	254.9	5.36
HELOSIRA GRANULATA V. ANGUSTISSIMA	993.0	20.88
HELOSIRA GRANULATA V. ANGUSTISSIMA	9.9	0.21
HELOSIRA GRANULATA V. ANGUSTISSIMA	1.7	0.03
HELOSIRA GRANULATA V. ANGUSTISSIMA	3.3	0.07
HELOSIRA GRANULATA V. ANGUSTISSIMA	31.4	0.66
HELOSIRA GRANULATA V. ANGUSTISSIMA	1.7	0.03
HELOSIRA GRANULATA V. ANGUSTISSIMA	3.3	0.07
HELOSIRA GRANULATA V. ANGUSTISSIMA	5.0	0.10
HELOSIRA GRANULATA V. ANGUSTISSIMA	1.7	0.03
HELOSIRA GRANULATA V. ANGUSTISSIMA	14.9	0.31
HELOSIRA GRANULATA V. ANGUSTISSIMA	6.6	0.14
HELOSIRA GRANULATA V. ANGUSTISSIMA	3.3	0.07
HELOSIRA GRANULATA V. ANGUSTISSIMA	1.7	0.03
HELOSIRA GRANULATA V. ANGUSTISSIMA	5.0	0.10
HELOSIRA GRANULATA V. ANGUSTISSIMA	19.9	0.42
HELOSIRA GRANULATA V. ANGUSTISSIMA	5.0	0.10
HELOSIRA GRANULATA V. ANGUSTISSIMA	18.2	0.38
HELOSIRA GRANULATA V. ANGUSTISSIMA	23.2	0.49
HELOSIRA GRANULATA V. ANGUSTISSIMA	13.2	0.28
HELOSIRA GRANULATA V. ANGUSTISSIMA	14.8	0.31
HELOSIRA GRANULATA V. ANGUSTISSIMA	154.4	3.26
HELOSIRA GRANULATA V. ANGUSTISSIMA	6.6	0.14
HELOSIRA GRANULATA V. ANGUSTISSIMA	1.7	0.03
HELOSIRA GRANULATA V. ANGUSTISSIMA	1.7	0.03
HELOSIRA GRANULATA V. ANGUSTISSIMA	5.0	0.10
HELOSIRA GRANULATA V. ANGUSTISSIMA	3.3	0.07
HELOSIRA GRANULATA V. ANGUSTISSIMA	100.0	100.0

SDC 2-1	NO. OF FORMS = 36 COUNTED BY: E.K. METHOD: SITTLE-FREEZE	DIVERSITY = 3.15
ANADARA SP.	CELLS/ML	PERCENT
ANKISTRODESMUS FALCATUS	1.7	0.07
ANKISTRODESMUS SP.	1.7	0.07
APHANIZOEPHON FLOS-AQUAE	35.4	1.46
BLUE-GREEN UNKNOWN CELLS	1.7	0.07
BLUE-GREEN UNKNOWN COLONY	158.6	6.53
CHLAMYDOMONAS SP.	16.9	0.69
CRYPTOMONAS SP.	18.6	0.76
CYCLOTELLA ATOMUS	1.7	0.07
CYCLOTELLA KUETZINGIANA	5.1	0.21
CYCLOTELLA MICHIGANIANA	3.4	0.14
CYCLOTELLA OCELLATA	183.9	7.57
CYCLOTELLA SP.	219.3	9.03
CYCLOTELLA STELLIGERA	3.4	0.14
DICOCYSPHAETUM PULCHELLUM	1.7	0.07
FINORRYON DIVERGENS	1.7	0.07
FIKATOTUPIX VIRIDIS	13.5	0.56
FLAGELLATES	3.4	0.14
FRAGILARIA CEOTONENSIS	74.2	3.06
GLOEOCYSTIS PLANTONICA	18.6	0.76
GLOEOCYSTIS SP.	23.6	0.97
GREEN COCCOID, UNKNOWN	27.0	1.11
GREEN COLONY, UNKNOWN	1.7	0.07
GREEN FILAMENT, UNKNOWN	192.3	7.92
HELOSIRA GRANULATA	848.6	34.95
HELOSIRA GRANULATA V. ANGUSTISSIMA	1.7	0.07
HELOSIRA GRANULATA V. ANGUSTISSIMA	1.7	0.07
HELOSIRA GRANULATA V. ANGUSTISSIMA	1.7	0.07
HELOSIRA GRANULATA V. ANGUSTISSIMA	21.9	0.90
HELOSIRA GRANULATA V. ANGUSTISSIMA	1.7	0.07
HELOSIRA GRANULATA V. ANGUSTISSIMA	10.1	0.42
HELOSIRA GRANULATA V. ANGUSTISSIMA	3.4	0.14
HELOSIRA GRANULATA V. ANGUSTISSIMA	35.4	1.46
HELOSIRA GRANULATA V. ANGUSTISSIMA	1.7	0.07
HELOSIRA GRANULATA V. ANGUSTISSIMA	5.1	0.21
HELOSIRA GRANULATA V. ANGUSTISSIMA	450.4	18.55
HELOSIRA GRANULATA V. ANGUSTISSIMA	1.7	0.07
HELOSIRA GRANULATA V. ANGUSTISSIMA	35.4	1.46
HELOSIRA GRANULATA V. ANGUSTISSIMA	2427.6	100.0

SDC 4-3 NO. OF FORMS = 21
COUNTED BY: E.K.
METHOD: SETTLE-FREEZE

DIVERSITY = 2.02

	CELLS/ML	PERCENT
ANARAENA SP.	5.0	0.19
ANACYSTIS SP.	1.7	0.13
CHPOCOCCLUS LIMNETICUS	13.2	1.04
CYCLOTELLA COMTA	3.3	0.26
CYCLOTELLA MENECHINIANA	1.7	0.13
CYCLOTELLA MICHIGANIANA	11.6	0.91
CYCLOTELLA OCELLATA	6.6	0.52
CYCLOTELLA SP.	31.4	2.46
CYCLOTELLA STELLIGERA	827.5	64.85
DINOBRYON DIVERGENS	14.9	1.17
FLAGELLATES	61.2	4.80
FRAGILARIA CROTONENSIS	77.8	6.10
GLOECYSTIS SP.	3.3	0.26
GREEN COCCOID, UNKNOWN	82.8	6.49
GREEN COLONY, UNKNOWN	5.0	0.39
HELOSIRA GRANULATA	1.7	0.13
KIOCCYSTIS AEPUSINOSA	119.2	9.34
NITZSCHIA SP.	1.7	0.13
OUADRIGULA LACUSTRIS	1.7	0.13
SCENEDESMUS BIJUGA	1.7	0.13
STEPHANODISCUS BINDERANUS	3.3	0.26

TOTAL 1276.0 100.0
DIVERSITY = 1.97

SDC 4-4 NO. OF FORMS = 22
COUNTED BY: E.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANARAENA SP.	9.1	1.16
CHLAMYDOMONAS SP.	305.5	38.84
CHPOCOCCLUS SP.	5.0	0.63
COSMARUM SP.	0.8	0.11
CRYPTOMONAS SP.	2.5	0.32
CYCLOTELLA COMTA	1.7	0.21
CYCLOTELLA MENECHINIANA	0.8	0.11
CYCLOTELLA MICHIGANIANA	13.2	1.68
CYCLOTELLA OCELLATA	1.7	0.21
CYCLOTELLA SP.	21.5	2.74
CYCLOTELLA STELLIGERA	352.7	44.84
DINOBRYON DIVERGENS	1.7	0.21
DINOPHYTELLATES	1.7	0.21
FLAGELLATES	1.7	0.21
FRAGILARIA CROTONENSIS	3.3	0.42
GLOECYSTIS SP.	51.3	6.53
GREEN COLONY, UNKNOWN	1.7	0.21
KIOCCYSTIS AEPUSINOSA	0.8	0.11
MALLOMONAS SP.	3.3	0.42
MELOSIRA GRANULATA	0.8	0.11
MICOCYSTIS AEPUSINOSA	3.3	0.42
STEPHANODISCUS TENUIIS	2.5	0.32

TOTAL 786.6 100.0

DIVERSITY = 3.19

SDC 4-1 NO. OF FORMS = 43
COUNTED BY: E.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACTINASTRUM HANTZSCHII	3.3	0.14
ANARAENA SP.	4.9	0.21
ANKISTRODESMUS FALCATUS	1.6	0.07
BLUF-GREEN UNKNOWN CELLS	4.9	0.21
CHLAMYDOMONAS SP.	75.9	3.26
CHPOCOCCLUS SP.	3.3	0.14
CYCLOTELLA COMTA	6.6	0.28
CYCLOTELLA MENECHINIANA	14.8	0.64
CYCLOTELLA MICHIGANIANA	6.6	0.28
CYCLOTELLA OCELLATA	3.3	0.14
CYCLOTELLA SP.	402.6	17.30
CYCLOTELLA STELLIGERA	181.5	7.80
DACTYLOCOCCLUS SP.	1.6	0.07
DIASTOMA TENUE V. ELONGATUM	3.3	0.14
FLAGELLATES	14.8	0.64
FRAGILARIA CROTONENSIS	61.0	2.62
GLOECYSTIS PLANCTONICA	3.3	0.14
GLOECYSTIS SP.	67.6	2.91
GOMPHONEMA SP.	1.6	0.07
GREEN COCCOID, UNKNOWN	97.3	4.18
GREEN COLONY, UNKNOWN	6.6	0.28
GYMNODINUM SP.	1.6	0.07
HELOSIRA GRANULATA	130.3	5.60
HELOSIRA GRANULATA V. ANGUSTISSIMA	617.1	26.52
HAVICULA CAPITATA	1.6	0.07
KITZSCHIA SP.	13.2	0.57
LOECYSTIS SP.	1.6	0.07
OSILLIATOFIA SP.	1.6	0.07
PEDIASTRUM DUPLEX	1.6	0.07
PHOSOLENIA ERIENSIS	1.6	0.07
SCENEDESMUS ABUNDANS	1.6	0.07
SCENEDESMUS QUADRICAUDA	1.6	0.07
SCENEDESMUS SP.	3.9	0.43
SELENASTRUM MINUTUM	6.6	0.28
STEPHANODISCUS HANTZSCHII	1.6	0.07
STEPHANODISCUS MINUTUS	9.9	0.43
STEPHANODISCUS SP.	13.2	0.57
STEPHANODISCUS SUBTILIS	6.6	0.28
STEPHANODISCUS TENUIIS	529.6	22.77
SYNEDESSA ACUS	1.6	0.07
SYNEDESSA DELICATISSIMA V. ANGUSTISSIMA	1.6	0.07
SYNEDESSA SP.	1.6	0.07
TETRAEDRON PENTAEIDRUM	3.3	0.14

TOTAL 2326.5 100.0

SDC 7-1 NO. OF FORMS = 56
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

DIVERSITY = 3.28

	CELLS/ML	PERCENT		
ACTINASTRUM HANTZSCHII	3.3	0.09	MELOSIRA GRANULATA V. ANGUSTISSIMA	628.9
AMPHORA SP.	1.7	0.04	METRIMOPEDIA SP.	1.7
ANABAEANA SP.	5.0	0.13	MICROCYSTIS SP.	1.7
ANKISTRODESMUS FALCATUS	3.3	0.09	PAVICULA SP.	5.0
ANKISTRODESMUS SP.	3.3	0.09	NITZSCHIA SP.	26.5
ASTRIONELLA FORMOSA	28.1	0.72	OOCYSTIS SP.	1.7
BLUP-GREEN UNKNOWN CELLS	9.9	0.26	OSCILLATORIA SP.	5.0
BLUP-GREEN UNKNOWN COLONY	3.3	0.09	PEDIASTRUM DUPLEX	1.7
CHLAMYDOMONAS SP.	283.0	7.29	RHIZOSOLENIA ERIENSIS	5.0
CHROCOCCUS SP.	5.0	0.13	RHIZOSOLENIA LONGISETTA	1.7
COELASTRUM SP.	1.7	0.04	SCENEDESMUS ABUNDANS	1.7
CRUCIGENIA APICULATA	1.7	0.04	SCENEDESMUS ALTERNANS	1.7
CRYPTOMONAS SP.	13.2	0.34	SCENEDESMUS DIMORPHUS	3.3
CYCLOTELLA ATOMUS	26.5	0.58	SCENEDESMUS QUADRICAUDA	8.3
CYCLOTELLA KENEHIGIANIANA	5.0	0.13	SCENEDESMUS SP.	36.4
CYCLOTELLA NICHIGANIANA	13.2	0.34	SPLUMASTRUM MINUTUM	1.7
CYCLOTELLA OCELLATA	1.7	0.04	STEPHANODISCUS HANTZSCHII	21.5
CYCLOTELLA SP.	767.9	19.77	STEPHANODISCUS MINUTUS	5.0
CYCLOTELLA STELLIGERA	513.0	13.21	STEPHANODISCUS SP.	8.3
DACYLOCOCOPSIS SP.	1.7	0.04	STEPHANODISCUS SUBTILIS	13.2
ELATORIA TENUE V. ELONGATUM	3.3	0.09	STEPHANODISCUS TENUIS	988.0
PICTYOSPHAERIUM PULCHELLUM	1.7	0.04	SYNEDRA ACUS	1.7
FLAGELLATES	16.5	0.43	SYNEDRA FELICATISSIMA V. ANGUSTISSIMA	3.3
FRAGILARIA CROTONENSIS	96.0	2.47	SYNEDRA PARASITICA	1.7
GLOECYSTIS SP.	51.3	1.32	SYNEDRA SP.	5.0
GREEN COCCOID, UNKNOWN	170.5	4.39	TETRAEDRUS SMITHII	1.7
GREEN COLONY, UNKNOWN	14.9	0.38	TETRAEDRUS PENTAEDERICUM	6.6
GREEN FILAMENT, UNKNOWN	16.5	0.43		
MELOSIRA GRANULATA	34.8	0.89	TOTAL	3884.3
				100.0

DIVERSITY = 3.98

DC-4 NO. OF FORMS = 57
COUNTED BY: D.P.
METHOD: SETTLE-FREEZE

CELLS/ML	PERCENT
2.8	0.47
0.9	0.16
4.6	0.79
6.5	1.11
34.3	5.95
0.9	0.16
3.7	0.63
13.9	2.37
1.9	0.32
1.9	0.32
1.9	0.32
1.9	0.32
3.7	0.63
2.8	0.47
1.9	0.32
7.4	1.26
207.9	35.39
0.9	0.16
63.1	10.74
17.6	3.00
2.8	0.47
2.8	0.47
48.3	8.21
25.1	4.27
0.9	0.16
2.8	0.47
0.9	0.16
7.4	1.26

ANADRENA FLOS-AQUAE	0.9	0.16
ANKISTRODESMUS SP. #1	8.4	1.42
ANKISTRODESMUS SP. #3	0.9	0.16
ANKISTRODESMUS SP. #5	9.3	1.58
CHROCOCCUS LIMNETICUS	0.9	0.16
COELASTRUM SP.	1.9	0.32
CRUCIGENIA QUADRATA	0.9	0.16
CRYPTOMONAS SP.	6.5	1.11
CYCLOTELLA AUXOSPORA	0.9	0.16
CYCLOTELLA CRYPTICA	0.9	0.16
CYCLOTELLA KUETZINGIANA	0.9	0.16
CYCLOTELLA MENEHGINIANA	1.9	0.32
CYCLOTELLA MICHIGANIANA	1.9	0.32
CYCLOTELLA SP.	3.7	0.63
CYCLOTELLA STELLIGERA	11.1	1.90
DINOBYON DIVERGENS	6.5	1.11
FLAGELLATES	3.7	0.63
FRAGILARIA BREVISETIATA	9.3	1.58
FRAGILARIA CROTTONENSIS	0.9	0.16
GLAUCOCYSTIS SP.	2.8	0.47
GOMPHOSPHERIA LACUSTIS V. COMPACTA	3.7	0.63
HELOSIRA AMBICUA	8.4	1.42
HELOSIRA GRANULATA	9.3	0.16
HELOSIRA GRANULATA V. ANGUSTISSIMA	7.4	1.26
HELOSIRA GRANULATA	2.8	0.47
NITZSCHIA ACICULARIS	4.6	0.79
NITZSCHIA BACATA	10.2	1.74
NITZSCHIA CONFINIS	2.8	0.47
NITZSCHIA FORTICOLA	0.9	0.16
NITZSCHIA FALEA	8.4	1.42
NITZSCHIA SPICULOIDES	0.9	0.16
NITZSCHIA SP.	9.3	1.58
NITZSCHIA SP. #10	0.9	0.16
NITZSCHIA SP. #1	1.9	0.32
NITZSCHIA SP. #2C	0.9	0.16
OOCYSTIS SP.	6.5	1.11
PEDIASTRUM DUPLEX V. GRACILLIMUM	0.9	0.16
PEDIASTRUM SIMPLEX	0.9	0.16
PEDIASTRUM TETRAS	0.9	0.16
PERIDINIUM SP.	1.9	0.32
SCENEDESMUS BICELLULARIS	1.9	0.32
SCENEDESMUS DIMORPHUS	3.7	0.63
SCENEDESMUS FALCATUS	11.1	1.90
SCENEDESMUS QUADRICAUDA	6.5	1.11
SCENEDESMUS SERRATUS	3.7	0.63
SCENEDESMUS SP.	9.3	1.58
SPHAEROCYSTIS SCHROETTERI	0.9	0.16
STEPHANODISCUS ALPINUS	2.8	0.47
STEPHANODISCUS HARTZSCHII	3.7	0.63
STEPHANODISCUS MINUTUS	8.4	1.42
STEPHANODISCUS NIAGARAE	9.3	0.16
STEPHANODISCUS SP.	7.4	1.26
STEPHANODISCUS SUSTILIS	2.8	0.47
STEPHANODISCUS TENNIS	4.6	0.79
SYMPEDA FILIFORMIS	10.2	1.74
TABELLARIA FENESTRATA V. INTERMEDIA	2.8	0.47
ULOTHRIX SP.	0.9	0.16

TOTAL 587.4 100.0

DC-5

NO. OF FOLIOS = 50

COMPUTED BY: D.P.

REF ID: A67135

DIVERSITY = 3.25

9-27

NO. OF FORMS = 42

NO. OF FORMS - 47
COUNTED BY: E.K.

COMPLETION: E.A.
METHOD: SETLE-PREZZE

DIVERSITY = 3.89

	CELLS/ML	PERCENT
ANABAENA FILIOS-AQUAE	4.6	0.67
ANACYSTIS INGLESA	1.9	0.27
ANKISTRODESME SP. #1	1.9	0.27
ASTHIONELLA FORMOSA	1.9	0.27
CHROOCOCCLUS LIMNETICUS	41.9	6.03
CYCLOGENTIA QUADRATA	18.6	2.63
CYPTONOMEA SP.	9.3	1.34
CYCLOTELLA ATOMUS	9.9	1.13
CYCLOTELLA CORTEX	3.7	0.54
CYCLOTELLA CRYPTICA	9.9	0.13
CYCLOTELLA KUEFELINGIANA	3.7	0.54
CYCLOTELLA MENEGHINIANA	0.9	0.13
CYCLOTELLA WICHIGNIANA	6.5	0.94
CYCLOTELLA OCELLATA	9.9	0.13
CYCLOTELLA SP.	4.6	0.67
CYCLOTELLA STELLIGERA	5.6	0.80
DIROFUYON DIVERGENS	7.4	1.07
DIROFUYON SOCIALE	1.3	0.27
FLABELLATES	360.1	52.01
FRAGILARIA CROTOKENSIS	22.3	3.22
GLOUCYCYSTIS SP.	41.8	6.03
GOPHOSPHAEDIA LACUSTRIS V. COMPACTA	1.9	0.27
KIRCHNERIELLA SP.	1.9	0.27
MELOSIRA GRANULATA	34.3	4.96
MELOSIRA GRANULATA V. ANGUSTISSIMA	13.0	1.88
MELOSIRA ITALICA	3.7	0.54
NITZSCHYA ARRHIDIA V. FOSSILIS	0.9	0.13
NITZSCHYA CONFINIS	3.7	0.54
NITZSCHIA FORTICOLA	2.8	0.40
NITZSCHIA FALLA	1.9	0.27
NITZSCHIA SP.	3.7	0.54
NOCCYSTIS SP.	13.0	1.88
OSCILLATORIA LIMNETICA	0.9	0.13
SCENEDISMUS MICHELIIARIS	1.9	0.27
SCENEDISMUS DENTIGULATUS	1.9	0.27
SCENEDISMUS PALCATUS	3.7	0.54
SCENEDISMUS QUADRICAUDA	11.1	1.61
SCENEDISMUS SP.	3.7	0.54
SCHROEDERIELLA PAPILLATA	7.4	1.07
STEPHANODISCUS ALPINUS	4.6	0.67
STEPHANODISCUS HAYZIGCHII	3.7	0.54
STEPHANODISCUS MINUTUS	10.2	1.47
STEPHANODISCUS SP.	9.3	1.34
STEPHANODISCUS SURVILIS	1.9	0.27
STEPHANODISCUS TENUIS	0.9	0.13
STEPHANODISCUS TRANSILVANICUS	0.9	0.13
SYMPEDA SP.	1.9	0.27
TABILLARIA PENESTIATA V. ENTERMEDIA	3.7	0.54
TERPACON MINIMUM	0.9	0.13
UTOCHIA SP.	1.9	0.27

	CELLS/HL	PERCENT
ANARAENA CIRCINALIS	1.7	0.35
ANARAENA SP.	4.1	0.89
ANKISTROPSUS FALCATUS	1.7	0.35
APHANOCARPA SP.	5.8	1.24
ASTERICHELLA PYRAMOSA	15.7	3.36
BLOT-GREEN UNKNOWN COLONY	0.8	0.18
CERATIFUR HIRUNDINELLA	0.8	0.18
CHLAMYDOMONAS SP.	59.6	12.75
CHROOCOCCUS SP.	46.4	9.92
CLOSTRIDIUM SP.	1.7	0.35
COELASTRUM SP.	0.8	0.18
COSMARIUM SP.	33.1	7.08
CRYPTOPOMAS SP.	4.1	0.89
CYCLOTFILIA COMTA	3.3	0.71
CYCLOTFILIA MICHIGANIANA	3.3	0.71
CYCLOTFILIA SP.	30.6	6.55
DINORPHYON BAVARICUM	2.5	0.53
DINORPHYON DIVERGENS	24.0	5.14
FLAGELLATES	111.0	23.73
FRAGILARIA CROTONEINSIS	46.4	9.92
GLOEOPHYCIS SP.	4.1	0.89
GOMPHOSPHERIA SP.	1.7	0.35
KALLOMONAS SP.	1.7	0.35
PELOSIFA GRANULATA V. ANGUSTISSIMA	10.9	2.30
HERISPOEDIA SP.	1.7	0.35
MICROCYSTIS SP.	3.3	0.71
NITZSCHIA SP.	3.3	0.71
OSCILLATORIA SP.	0.8	0.18
QUADRIGULA LACUSTRIS	0.8	0.18
RAZOSOLENIA FRIENSI	2.5	0.53
SCENEDISMUS BICELLULARIS	1.7	0.35
SCENEDISMUS SP.	0.8	0.18
STEPHANODISCUS ALPINUS	5.8	1.24
STEPHANODISCUS HANTZSCHII	4.1	0.89
STEPHANODISCUS SP.	9.1	1.95
SURIPHELLA ANGUSTA	1.7	0.35
SYNEDRA FILIFORMIS	2.5	0.53
SYNEDRA OSTENFELDII	1.7	0.35
SYNEDRA SP.	0.8	0.18
TABELLARIA PENESTRATA	13.9	2.97
TOTAL	467.6	100.0

NDC.5-0 NO. OF FORMS = 62
COUNTED BY: E.K.
METHOD: SETTLE-PERZE

DIVERSITY = 3.21

	CELLS/ML	PERCENT			
ACHNANTHES CLEVEL	1.7	0.06	MALLOMCNA'S SP.	5.6	0.17
ACHNANTHES LANCEOLATA	1.7	0.06	MELOSIFA AMBIGUA	24.8	0.83
ACHNANTHES SP.	1.7	0.06	MELOSIFA GRANULATA	91.9	3.03
AMPHORA OVALIS	3.3	0.11	MELOSIFA GRANULATA V. ANGUSTISSIMA	1337.2	44.49
AMPHORA OVALIS V. PEDICULUS	1.7	0.06	MELOSIFA ITALICA	3.3	0.11
ANAPAEIA SP.	21.5	0.72	MICROCYSTIS SP.	3.3	0.11
ANKISTRODESMUS FALCAIUS	14.9	0.50	NAVICULA CAPITATA	1.7	0.06
APHANOCAPSA SP.	5.0	0.17	NAVICULA SP.	8.3	0.28
ASTERIONELLA FORMOSA	33.1	1.10	NAVICULA TRIPUNCTATA	1.7	0.06
CHLAMYDOMONAS SP.	43.1	1.43	NEIDIUM SP.	1.7	0.06
CHROOCCCCUS SP.	9.9	0.33	NITZSCHIA ACICULARIS	1.7	0.06
COCCONEIS PLACENTULA V. EUGLYPTA	1.7	0.06	NITZSCHIA SP.	1.7	0.06
COSMARION SP.	1.7	0.06	OOCYSTIS SP.	139.0	4.63
CRYPTOMONAS SP.	64.6	2.15	OSCILLATORIA SP.	1.7	0.06
CYCLOTELLA COMTA	1.7	0.06	SCENEDESMUS ABUNDANS	6.6	0.22
CYCLOTELLA KUETZINGIANA	1.7	0.06	SCENEDESMUS RICELLULARIS	3.3	0.11
CYCLOTELLA KENECHINIANA	1.7	0.06	SCENEDESMUS DIMORPHUS	6.6	0.22
CYCLOTELLA NICHESANIANA	13.2	0.44	SCENEDESMUS SP.	21.5	0.72
CYCLOTELLA OCELLATA	6.6	0.22	STEPHANODISCUS ALPINUS	3.3	0.11
CYCLOTELLA SP.	91.1	2.70	STEPHANODISCUS ASTRAEA	1.7	0.06
CYCLOTELLA STELLIGERA	1.7	0.06	STEPHANODISCUS HANTZSCHII	91.0	3.03
DIATOMA TENUE V. ELONGATUM	3.3	0.11	STEPHANODISCUS MINUTUS	1.7	0.06
DINOBRYON DIVERGENS	1.7	0.06	STEPHANODISCUS SP.	81.1	2.70
DINOFLAGELLATES	5.0	0.17	STEPHANODISCUS TENUIS	5.0	0.17
FLAGELLATES	529.6	17.62	SYNEDRA DELICATISSIMA	1.7	0.06
FRAGILARIA CAPUCINA	11.6	0.39	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	11.6	0.39
FRAGILARIA CROTONENSIS	112.5	3.74	SYNEDRA DEFERRABE	1.7	0.06
FRAGILARIA INTERNEDIA	16.5	0.55	SYNEDRA FILIFORMIS	8.3	0.28
FRAGILARIA PINNATA	3.3	0.11	SYNEDRA ULNA V. CHASEANA	1.7	0.06
GLENODINIUM SP.	1.7	0.06	TARELLARIA FENESTRATA	84.4	2.81
GLOEOCYSTIS SP.	46.3	1.54			
GREEN COLONY, UNKNOWN	6.6	0.22			
			TOTAL	3005.5	100.0

NDC.5-2 NO.OF FORMS = 51
COUNTED BY: E.K.
METHOD: SETTLE-FREEZE

DIVERSITY = 3.39

	CELLS/ML	PERCENT			
ACHNANTHUS CLEVEI	1.7	0.07	MELOSIRA GRANULATA	36.4	1.51
AMPHIPLEURA PELLUCIDA	1.7	0.07	MELOSIRA GRANULATA V. ANGUSTISSIMA	1084.0	44.89
AMEOHA OVALIS V. LIBYCA	3.3	0.14	MELOSIRA ISLANDICA	3.3	0.14
ANABAENA CIRCINALIS	13.2	0.55	MELOSIRA ITALICA SUBSP. SUBARCTICA	13.2	0.55
ANKISTODESMUS FALCATUS	6.6	0.27	NAVICULA SP.	8.3	0.34
APHANOCAPSA SP.	11.5	0.48	NITZSCHIA ACICULARIS	5.0	0.21
ASTERICHELLA FORMOSA	87.7	3.63	NITZSCHIA SP.	67.9	2.81
CHLAMYDOMONAS SP.	134.1	5.55	OOCYSTIS SP.	1.7	0.07
CHROCOCCUS LIMNETICUS	11.6	0.48	OSCILLATORIA SP.	3.3	0.14
COELASTRUM SPHAERICUM	1.7	0.07	PEDIASTRUM DUPLEX	3.3	0.14
COSMARION SP.	1.7	0.07	PERIDINIUM SP.	5.0	0.21
CRUCIGENIA QUADRATA	6.6	0.27	RHIZOSOLENIA PRIENSIS	1.7	0.07
CRYPTOMONAS SP.	49.6	2.06	SCENEDESMUS BICELLULARIS	9.3	0.34
CYCLOTELLA COMTA	1.7	0.07	SCENEDESMUS BIJUGA	1.7	0.07
CYCLOTELLA CRYPTICA	5.0	0.21	SCENEDESMUS DIMORPHUS	6.6	0.27
CYCLOTELLA MENECHINIANA	6.6	0.27	SCENEDESMUS QUADRICAUDA	3.3	0.14
CYCLOTELLA NICHIGAMIANA	11.6	0.48	STEPHANODISCUS ALPINUS	3.3	0.14
CYCLOTELLA OCELLATA	9.9	0.41	STEPHANODISCUS HANTZSCHII	44.7	1.85
CYCLOTELLA SP.	82.8	3.43	STEPHANODISCUS SP.	86.1	3.56
DIATOMA TENUE V. ELONGATUM	3.3	0.14	STEPHANODISCUS SUBTILIS.	41.4	1.71
DINOBRYON DIVERGENS	13.2	0.55	STEPHANODISCUS TENJIS	13.2	0.55
FLAGELLATES	115.8	4.80	SYNEDRA ACUS	1.7	0.07
FRAGILARIA CAPUCINA	19.9	0.82	SYNEDRA DELICATISSIMA	13.2	0.55
FRAGILARIA CEOTONENSIS	269.1	11.16	SYNEDRA FILIFORMIS	13.2	0.55
GLOEOCYSTIS PLACONTICA	33.1	1.37	TABELLARIA FENESTRATA	38.1	1.58
			TABELLARIA FLOCCULOSA	5.0	0.21
			TOTAL	2414.6	100.0

DIVERSITY = 2.83			
NDC 1-0	NO. OF FORMS = 58 COUNTED BY: E.K. METHOD: SETTLE-FREEZE	CELLS/ML	PERCENT
ACHMANTHES GLIVER V. ROSTRATA		1.7	0.05
AMEBORA OVALIS V. LEBYCA		1.7	0.05
AMEBORA OVALIS V. PEDICULUS		1.7	0.05
AMEBORA VENETA		1.7	0.05
ANABAEINA SP.		16.5	0.50
APHANOCAPSA SP.		1.7	0.05
ASTERIONELLA FORMOSA		36.4	1.09
CALONEIS VENTRICOSA V. TRUNCULATA		1.7	0.05
CERATIUM HIFUNDINELLA		1.7	0.05
CERATIUM SP.		1.7	0.05
CHLAMYDOMONAS SP.		117.5	3.53
CHROCOCCUS PERSCOTTII		9.9	0.30
CHROCOCCUS SP.		11.6	0.35
COCCONEIS PEDICULUS		1.7	0.05
CRYPTOPONAS SP.		9.9	0.30
CYCLOTELLA COMTA		5.0	0.15
CYCLOTELLA KUTZINGIANA		1.7	0.05
CYCLOTELLA MENEGHINIANA		1.7	0.05
CYCLOTELLA YICHIGANIANA		29.8	0.90
CYCLOTELLA OCELLATA		8.3	0.25
CYCLOTELLA SP.		41.4	1.24
DINOBYON DIVERGENS		19.9	0.60
DINOFLAGELLATES		1.7	0.05
FLAGELLATES		226.7	6.82
FRAGILARIA CAPUCINA V. LANCEOLATA		19.9	0.60
FRAGILARIA CAPUCINA V. MESOLEPTA		5.3	0.10
FRAGILARIA CRYPTONENSIS		188.7	5.67
FRAGILARIA INTERMEDIA		3.3	0.10
GLCOCYSTIS PLANKTONICA			29.8
GREEN COLONY, UNKNOWN			5.0
MALLOMCNAS SP.			3.3
MELOSIEA GRANULATA			155.6
MELOSIEA GRANULATA V. ANGUSTISSIMA			1895.0
MELOSIEA ITALICA SUBSP. SUBARCTICA			79.4
NAVICULA SP.			8.3
NEIDIUM SP.			1.7
NITZSCHIA ACICULAPIS			1.7
NITZSCHIA SP.			96.0
OSCILLATORIA SP.			8.3
PERIDIUM SP.			1.7
PHORMIDIUM SP.			1.7
PINNULAPIA SP.			1.7
RHIZOLENIA ERIENSIS			5.0
SCENEDESMUS DIMORPHUS			6.6
SCENEDESMUS QUADRICAUDA			3.3
SCENEDESMUS SP.			3.3
STEPHANODISCUS ALPINUS			8.3
STEPHANODISCUS HANTZSCHII			29.8
STEPHANODISCUS MINUTUS			8.3
STEPHANODISCUS NISGAPAE			1.7
STEPHANODISCUS SP.			49.6
STEPHANODISCUS SUBTILIS			41.4
STEPHANODISCUS TENUIS			19.9
SYNEDRA FILIFORMIS			13.2
SYNEDRA OSTENFELDII			11.6
SYNEDRA SP.			6.6
TABELLARIA FENESTRATA			53.0
TABELLARIA FLOCCULOSA			8.3
TOTAL		3326.5	100.0

NDC 1-1			NDC 1-2		
NO. OF FORMS = 42			NO. OF FORMS = 51		
COUNTED BY: E.K.			COUNTED BY: E.K.		
METHOD: SETTLE-FAZZEE			METHOD: SETTLE-FAZZEE		
DIVERSITY = 2.42			DIVERSITY = 3.12		
CELLS/ML	PERCENT		CELLS/ML	PERCENT	
ANAPATIA CIPICINALLIS	1.7		ACHNANTHUS CLEVEI	1.7	0.05
AKISTIOLESTYUS FALCATUS	3.3	0.06	ANABATIA SP.	11.6	0.32
APHANOCPSA SP.	14.9	0.50	ANKISTIOLESTYUS FALCATUS	6.6	0.18
ASTERICHELLA FORMOSA	59.6	2.01	APHANOCPSA SP.	1.7	0.05
CHLAMYDOMONAS SP.	1.7	0.06	ASTERICHELLA FORMOSA	46.3	1.29
CHROOCOCCLUS SP.	31.4	1.06	CHLAMYDOMONAS SP.	569.3	15.80
CLOSTRIDIUM SP.	1.7	0.06	CHROOCOCCLUS SP.	36.4	1.01
CYPTODONAS SP.	31.4	1.06	CLOSTRIDIUM SP.	1.7	0.05
CYCLOTELLA COMTA	5.0	0.17	CYPTODONAS SP.	3.3	0.09
CYCLOTELLA KUEZINGIANA	5.0	0.17	CYCLOTELLA COMTA	76.1	2.11
CYCLOTELLA OCELLATA	1.7	0.06	CYCLOTELLA KUEZINGIANA	6.6	0.18
CYCLOTELLA SP.	87.7	2.95	CYCLOTELLA OCELLATA	3.3	0.09
DIAZOMA TENUE V. ELONGATUM	6.6	0.22	CYCLOTELLA SP.	33.1	0.92
FLAGELLATES	3.3	0.11	DIAZOMA TENUE V. ELONGATUM	144.0	4.00
FRAGILLARIA CROTONENSIS	147.3	4.96	FLAGELLATES	1.7	0.05
GLOEOCYSTIS SP.	504.8	16.99	FRAGILLARIA CROTONENSIS	16.5	0.46
HELOSIRA GRANULATA	14.9	0.50	GLOEOCYSTIS SP.	105.9	2.94
HELOSIRA GRANULATA V. ANGUSTISSIMA	1703.0	57.33	HELOSIRA GRANULATA	81.1	2.25
NAVICULA SP.	1.7	0.06	HELOSIRA GRANULATA V. ANGUSTISSIMA	23.2	0.64
MITZSCHIA ACICULARIS	3.3	0.11	NAVICULA SP.	1.7	0.05
MITZSCHIA PARVULA	1.7	0.06	MITZSCHIA ACICULARIS	155.6	4.32
MITZSCHIA SP.	26.5	0.89	MITZSCHIA PARVULA	1631.8	45.29
OSCELLATORIA SP.	1.7	0.06	MITZSCHIA SP.	6.6	0.18
OSCELLATORIA LACUSIRIS	1.7	0.06	OSCELLATORIA SP.	1.7	0.05
RHIZOSOLENIA ERIENSIS	1.7	0.06	RHIZOSOLENIA ERIENSIS	5.0	0.14
SCENEDESMUS ARUNDANS	3.3	0.11	SCENEDESMUS ARUNDANS	3.3	0.09
SCENEDESMUS ACUTIFORMIS	1.7	0.06	SCENEDESMUS BICELLULARIS	53.0	1.47
SCENEDESMUS BICELLULARIS	5.0	0.17	SCENEDESMUS ACUTIFORMIS	6.6	0.18
SCENEDESMUS DIAPORPHUS	14.9	0.50	SCENEDESMUS BICELLULARIS	9.9	0.28
SCENEDESMUS QUADRICAUDA	3.3	0.11	SCENEDESMUS DIAPORPHUS	6.6	0.18
SCENEDESMUS SP.	34.8	1.17	SCENEDESMUS QUADRICAUDA	28.1	0.78
SECFES	3.3	0.11	SECFES	14.9	0.41
STEPHANODISCUS ASTATA	1.7	0.06	STEPHANODISCUS ALPINUS	16.5	0.46
STEPHANODISCUS HANTZSCHII	3.3	0.11	STEPHANODISCUS HANTZSCHII	9.9	0.28
STEPHANODISCUS SP.	71.2	2.40	STEPHANODISCUS SP.	273.1	7.58
STEPHANODISCUS TRANSILVANICUS	1.7	0.06	STEPHANODISCUS SUBTILIS	81.1	2.25
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	21.5	0.72	SYNEDRA ACUS	6.6	0.18
SYNEDRA SP.	1.7	0.06	SYNEDRA DELICATISSIMA	1.7	0.05
TABELLARIA FENESTRATA	89.4	3.01	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	6.6	0.18
TETRAEDRON PENTAEIDRICUM	1.7	0.06	TETRAEDRON PENTAEIDRICUM	9.9	0.28
TOTAL	2970.7	100.0	TOTAL	3602.9	100.0

HPC 2-0		HPC 2-1	
NO. OF FORMS = 44		NO. OF FORMS = 47	
COUNTED BY: E.K.		COUNTED BY: E.K.	
METHOD: SETTLE-PREPRE		METHOD: SETTLE-PREPRE	
DIVERSITY = 3.53		DIVERSITY = 2.95	
CELLS/ML	PERCENT	CELLS/ML	PERCENT
ACHNATHUS XIGUA	4.9	APHOTA OVALIS	3.3
APHOTA SP.	4.9	ANABAENA CIRCINALIS	3.3
ANABAENA CIRCINALIS	14.6	ANACYSTIS SP.	16.5
ANKISTODISYUS SP.	4.9	ANKISTODISYUS PASCATUS	11.6
APHINOCAPPA SP.	26.9	ASTERICNELLA FORMOSA	81.1
ASTHIOFILA FORMOSA	36.5	CHLAMYDOMONAS SP.	413.0
CHLAMYDOMONAS SP.	92.5	CHLOCOCCUS SP.	18.2
CHLOCOCCUS SP.	0.7	CRYPTOMONAS SP.	71.2
COCCONYXA SP.	4.9	CYCLOPTELLA KUEZINGIANA	18.2
CRUCIGENIA GUARATA	9.7	CYCLOPTELLA MICHIGANIANA	5.0
CRYPTOMONAS SP.	85.2	CYCLOPTELLA NICHIGANIANA	5.0
CYCLOPTELLA GUATA	7.3	CYCLOPTELLA OCELLATA	11.6
CYCLOPTELLA OCELLATA	4.9	CYCLOPTELLA SP.	139.0
CYCLOPTELLA SP.	63.3	DINOCRYON DIVERGENS	8.3
CYRTOPLEURA SP.	2.4	FLAGELLATES	456.8
DIATOMA TENUE V. ELONGATUM	2.4	FRAGILARIA CROTONENSIS	2.5
DINOCRYON DIVERGENS	4.9	GLOEOCYSTIS SP.	19.9
FLAGELLATES	438.1	GOMPHOSPHERA LACUSTRIS	3.3
FRAGILARIA CAPRICINA	3.7	GRIFF COLONY, UNKNOWN	5.0
FRAGILARIA CROTONENSIS	591.5	HELOSIRA GRANULATA	36.4
GLOEOCYSTIS SP.	21.9	HELOSIRA GRANULATA V. ANGUSTISSIMA	2012.5
GOMPHOSPHERA SP.	4.9	HELOSIRA ITALICA	15.5
GRIFF COLONY, UNKNOWN	3.7	KITZSCHIA ACICULARIS	5.0
KALLOCHAS SP.	2.4	KITZSCHIA LINEARIS	1.7
HELOSIRA GRANULATA	31.6	KITZSCHIA PALEA	13.2
HELOSIRA GRANULATA V. ANGUSTISSIMA	79.4	KITZSCHIA SP.	91.0
KALLOCHAS SP.	7.3	GOCYSTIS SP.	1.7
KAVICULA SP.	2.4	PEDIASIPHON DUPLEX	1.7
NEIDIUM SP.	2.4	PERIDINIUM SP.	1.7
NITZSCHIA ACICULARIS	131.4	RHIZOSOLENIA ERIENSIS	13.2
NITZSCHIA SP.	4.9	SCENEDESMUS ABUNDANS	1.7
OOCYSTIS SP.	2.4	SCENEDESMUS NICELLULARIS	31.4
OSCELLATOLIA SP.	2.4	SCENEDESMUS DICOPHUS	21.5
PEDIASIPHON DUPLEX	14.6	SCENEDESMUS INCRASSATULATUS	18.2
SCENEDESMUS ABUNDANS	7.3	SCENEDESMUS OVARIFICANDA	28.1
SCENEDESMUS NICELLULARIS	19.5	SCENEDESMUS SP.	1.7
SCENEDESMUS DICOPHUS	7.3	STEPHANODISCUS HANTZSCHII	221.8
SOFASTHE AMERICANUM	2.4	STEPHANODISCUS MINUTUS	11.6
STEPHANODISCUS HANTZSCHII	7.3	STEPHANODISCUS SP.	86.1
STEPHANODISCUS NIAGARAE	2.4	STEPHANODISCUS SUBTILIS	19.9
STEPHANODISCUS SP.	29.2	STEPHANODISCUS TENUIIS	8.3
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	7.3	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	8.3
SYNEDRA SP.	9.7	SYNEDRA FILIFORMIS	5.0
TABELLARIA FENESTRATA	80.3	TABELLARIA FENESTRATA	69.5
TETRAEDRON PENTAEDRICUM	7.3	TETRAEDRON PENTAEDRICUM	1.7
TETRAEDRON PENTAEDRICUM	1909.7	TETRASTHEUM STAUROGENIAEFORME	3.3
TOTAL	100.0	TOTAL	100.0

NDC 2-3 NO. OF FORMS = 66
COUNTED BY: E.K.
METHOD: SETTLE-FREEZE

DIVERSITY = 3.16

	CELLS/ML	PERCENT			
ANABAENA CIRCINALIS	4.1	0.26	MELOSIRA GRANULATA V. ANGUSTISSIMA	769.2	49.10
ANACYSTIS SP.	2.5	0.16	MELOSIRA ISLANDICA	3.3	0.21
ANKISTRODESMUS FALCATUS	2.5	0.16	MELOSIRA ITALICA	2.5	0.16
ASTERIONELLA FORMOSA	40.6	2.59	MERISMOPEDIA ELEGANS	1.7	0.11
BLUE-GREEN UNKNOWN COLONY	2.5	0.16	NAVICULA DECUSIS	3.3	0.21
CHLAMYDOMONAS SP.	9.1	0.58	NAVICULA SP.	4.1	0.26
CHROOCOCCUS LIMNETICUS	19.0	1.22	NITZSCHIA SP.	62.1	3.96
CLOSTERIOPSIS LONGISSIMA	1.7	0.11	OOCYSTIS SP.	2.5	0.16
COSPARIUM SP.	0.8	0.05	OSCILLATORIA SP.	0.8	0.05
CRUCIGENIA APICULATA	2.5	0.16	PEDIASTUM SIMPLEX	0.8	0.05
CRYPTOMONAS SP.	47.2	3.01	QUADRIGULA LACUSTRIS	0.8	0.05
CYCLOTELLA CORATA	7.5	0.48	RHIZOSOLENIA ERIENSIS	1.7	0.11
CYCLOTELLA KUETZINGIANA	5.0	0.32	SCENEDESMUS ABUNDANS	0.8	0.05
CYCLOTELLA KENEGHINIANA	3.3	0.21	SCENEDESMUS RICELLULARIS	1.7	0.11
CYCLOTELLA OCELLATA	29.7	1.32	SCENEDESMUS BIJUGA	1.7	0.11
CYCLOTELLA SP.	80.3	5.13	SCENEDESMUS DIMORPHUS	9.9	0.63
CYCLOTELLA STRIATA	0.8	0.05	SCENEDESMUS QUADRICAUDA	3.3	0.21
CYMATOPELLA SOLEA V. APICULATA	1.7	0.11	SCENEDESMUS SP.	5.8	0.37
DACTYLOCOCCOPSIS SP.	2.5	0.16	SELENASTRUM SP.	0.8	0.05
DIAZOMA TENUE V. ELONGATUM	1.7	0.11	STEPHANODISCUS BINDERANUS	5.8	0.37
DINOBRYON DIVERGENS	9.9	0.63	STEPHANODISCUS HANTZSCHII	32.3	2.06
DINOFAGELLATES	0.8	0.05	STEPHANODISCUS MINUTUS	1.7	0.11
FLAGELLATES	229.4	4.64	STEPHANODISCUS NIAGARAE	1.7	0.11
FRAGILARIA CAPUCINA	3.3	0.21	STEPHANODISCUS SP.	19.9	1.27
FRAGILARIA CROTCHENSIS	9.9	0.63	STEPHANODISCUS SUBTILIS	2.5	0.16
FRAGILARIA INTERMEDIA	5.0	0.32	STEPHANODISCUS TENUIS	2.5	0.16
GLOEOPHYTIS SP.	14.1	0.90	SYNEDRA ACUS	3.3	0.21
GOMPHONEMA OLIVACEUM	0.8	0.05	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.3	0.21
GOMPHONEMATIA LACUSTRIS	2.5	0.16	SYNEDRA FILIFORMIS	16.6	1.06
GREEN COLONY, UNKNOWN	1.7	0.11	SYNEDRA SP.	1.7	0.11
GREEN FILAMENT, UNKNOWN	0.8	0.05	SYNEDRA ULNA	0.8	0.05
KALLOMONAS SP.	1.7	0.11	TABELLARIA FENESTRATA	22.4	1.43
MELOSIRA GRANULATA	38.9	2.48	TETRAEDRON PENTAEDRICUM	0.8	0.05
			TOTAL	1506.6	100.0

NDC 4-3			NDC 4-4		
NO. OF FORMS = 46			NO. OF FORMS = 23		
COUNTED BY: S.K.			COUNTED BY: S.K.		
METHOD: SETTLE-FREEZE			METHOD: SETTLE-FREEZE		
DIVERSITY = 3.71			DIVERSITY = 2.40		
	CELLS/ML	PERCENT		CELLS/ML	PERCENT
ACRYANTHUS LARGOLATA	0.8	0.78	ANACYSTIS SP.	6.6	1.53
AMPHIPURA PILLUCIDA	0.8	0.98	ASTRICHELLA FORMOSA	28.1	6.49
ANADARA SP.	3.3	0.31	CHLAMYDOMONAS SP.	13.2	3.05
ANKISTROSCUS FALCATUS	3.3	0.31	CHROCOCCUS SP.	9.9	2.29
APHANOCARPA SP.	9.1	0.96	COSMOPHIX SP.	3.3	0.76
ASTRICHELLA FORMOSA	11.6	1.10	CRYPTOMONAS SP.	9.9	2.29
BLAU-GREEN UNKNOWN COLONY	1.7	0.16	CYCIOTELLA CONTA	5.0	1.15
CHLAMYDOMONAS SP.	78.7	7.46	CYCIOTELLA KUTZINGIANA	1.7	0.38
CHROCOCCUS SP.	25.7	2.49	CYCIOTELLA SP.	8.3	1.91
CRYPTOMONAS SP.	27.3	2.53	DINOBRYON DIVERGENS	8.3	1.91
CYCIOTELLA CONTA	5.0	0.47	FLAGELLATES	99.3	22.90
CYCIOTELLA KUTZINGIANA	0.8	0.08	FRAGILARIA CROTONEENSIS	223.4	51.53
CYCIOTELLA KUTZINGIANA	1.7	0.16	GREEN COLONY, UNKNOWN	1.7	0.38
CYCIOTELLA KUTZINGIANA	5.0	0.47	HELOSIFA ITALICA	3.3	0.76
CYCIOTELLA OCELLATA	8.3	0.76	NAVICULA SP.	1.7	0.38
CYCIOTELLA SP.	89.4	8.43	NITZSCHIA SP.	1.7	0.38
CYCIOTELLA STELLIGERA	0.8	0.08	OOCYSTIS SP.	1.7	0.38
DACYLOCOCCOPSIS SP.	1.7	0.16	QUADRIGULA SP.	1.7	0.38
DIATOMA TIRUA V. DLONGATUM	0.8	0.08	SCENEDESMUS BICELLULARIS	1.7	0.38
DINOBRYON DIVERGENS	10.8	1.02	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.3	0.76
FLAGELLATES	309.7	29.35			
FRAGILARIA CROTONEENSIS	127.5	12.12			
FRAGILARIA INTERMEDIA	9.9	0.94			
GLOECYSTIS SP.	6.6	0.63			
COMPOSINAEARIA SP.	4.1	0.39			
HELOSIFA SP.	0.8	0.08			
HELOSIFA ARBICUA	19.0	1.81			
HELOSIFA GRANULATA V. ANGUSTISSIMA	3.3	0.31			
HELOSIFA ITALICA SUBSP. SUBARCTICA	130.0	12.34			
HELOSIFA SP.	6.6	0.63			
NAVICULA SP.	0.8	0.08			
NITZSCHIA SP.	25.7	2.49			
NITZSCHIA SP.	0.8	0.08			
OSCELLARIA SP.	1.7	0.16			
RHIZOCLELIA EFIENTSIS	0.8	0.08			
SCENEDESMUS DIMORPHUS	1.7	0.16			
SCENEDESMUS SP.	9.9	0.94			
STEPHANODISCUS ALPINUS	24.0	2.29			
STEPHANODISCUS BAVILZSCHII	1.7	0.16			
STEPHANODISCUS MINUTUS	27.3	2.59			
STEPHANODISCUS SP.	0.8	0.08			
STEPHANODISCUS TENUIS	0.8	0.08			
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	7.5	0.71			
SYNEDRA FILIFORMIS	0.8	0.08			
SYNEDRA OSTREIFELDII	1.7	0.16			
SYNEDRA SP.	41.4	3.93			
TABELLARIA PENESTRATA	0.8	0.08			
TETRAEDRON TRIGONUM					
TOTAL	1053.7	100.0	TOTAL	433.6	100.0

NDC 7-1		NDC 7-3	
NO. OF FORMS = 38 COUNTED BY: E.K. METHOD: SETTLE-FREEZE		NO. OF FORMS = 38 COUNTED BY: E.K. METHOD: SETTLE-FREEZE	
DIVERSITY = 2.62		DIVERSITY = 2.59	
CELLS/ML	PERCENT	CELLS/ML	PERCENT
ANABARNA SP.	33.1	ANABARNA SP.	1.7
ANKISTRODESMUS FALCATUS	3.3	ANABARNA SP.	8.3
APHROCAPSA SP.	3.3	ANACYSIS SP.	5.0
ASTRICHOMELLA FORMOSA	29.8	ANKISTRODESMUS FALCATUS	6.6
CHLAMYDOMONAS SP.	33.1	ANKISTRODESMUS SP.	5.0
CHROCOCCUS SP.	8.3	ASTRICHOMELLA FORMOSA	6.6
CRUCIGENIA AFICULATA	1.7	CHLAMYDOMONAS SP.	96.0
CRYPTONONAS SP.	162.3	CHROCOCCUS SP.	11.6
CYCLOTELLA COMA	11.6	CRYPTONONAS SP.	206.9
CYCLOTELLA KURTZINGIANA	9.9	CYCLOTELLA COMA	11.6
CYCLOTELLA OCELLATA	13.2	CYCLOTELLA MICHIGANIANA	9.9
CYCLOTELLA SP.	96.0	CYCLOTELLA OCELLATA	3.3
FLAGELLANTS	1254.5	CYCLOTELLA SP.	109.2
FRAGILARIA CAPUCINA	49.6	DINOFAGELLATES	3.3
FRAGILARIA CROTONPHRIS	67.9	FLAGELLANTS	1085.7
FRAGILARIA INTIMIDIA	3.3	FRAGILARIA CROTONENSIS	31.13
GOMPHOSPHERIA LACUSTRIS	1.7	GLOLOCYSTIS SP.	2.56
GREEN COLONY, UNKNOWN	21.5	GOMPHOSPHERIA SP.	0.62
KIRCHNERIELLA ELONGATA	3.3	GREEN COLONY, UNKNOWN	0.09
MELOSIRA GRANULATA	9.9	MELOSIRA AMBIGUA	5.0
MELOSIRA GRANULATA V. ANGUSTISSIMA	1027.8	MELOSIRA GRANULATA	38.1
NITZSCHIA SP.	34.8	MELOSIRA ITALICA	59.6
PEDIASTRUM DUPLEX	1.7	NITZSCHIA SP.	42.71
QUADRIGULA LACUSTRIS	1.7	PEDIASTRUM DUPLEX	43.0
SCENEDESMUS ABUNDANS	6.6	SCENEDESMUS BICELLULARIS	39.7
SCENEDESMUS BENARDI	3.3	SCENEDESMUS DIMORPHUS	5.0
SCENEDESMUS BICELLULARIS	8.3	SCENEDESMUS QUATRICAUDA	0.14
SCENEDESMUS DIMORPHUS	23.2	SCENEDESMUS SP.	5.0
SCENEDESMUS QUATRICAUDA	3.3	SCENEDESMUS SP.	5.0
SCENEDESMUS SP.	3.3	STEPHANODISCUS ASTRAFA	0.14
STEPHANODISCUS HANTZSCHII	67.9	STEPHANODISCUS SP.	0.90
STEPHANODISCUS SP.	28.1	STEPHANODISCUS TENUIIS	0.05
STEPHANODISCUS TENUIIS	1.7	SYNEDRA DELICATISSIMA	1.7
SYNEDRA ACUS	1.7	SYNEDRA SP.	5.0
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	13.2	SYNEDRA ULNA	1.7
SYNEDRA SP.	9.9	TABELLARIA FENESTRATA	0.90
TABELLARIA FENESTRATA	11.6	TETRAEDRON PENTAEDRICUM	1.7
TETRAEDRON PENTAEDRICUM	3.3		
TOTAL	3068.5	TOTAL	3487.1
	100.0		100.0

SDC. 5-2 NO. OF FORMS = 63
COUNTED BY: D.E.
METHOD: SETTLE-FREEZE

DIVERSITY = 4.19

	CELLS/ML	PERCENT		
ANABAENA FLOS-AQUAE	9.3	0.64	NITZSCHIA PALEA	5.6
ANKISTRODESMUS GELIFACTUM	3.7	0.26	NITZSCHIA PALEACEA	3.7
ANKISTRODESMUS FALCATUS	3.7	0.26	NITZSCHIA SP.	1.9
ANKISTRODESMUS SP. #1	5.6	0.38	NITZSCHIA SP. #1	1.9
ANKISTRODESMUS SP. #3	3.7	0.26	OOCYSTIS SP.	11.1
ASTERIONELLA FORMOSA	46.4	3.21	OSCILLATORIA LIMNETICA	3.7
CHAPACIUM LIMNETICUM	1.9	0.13	PEDIASSEMUS TETRAS	1.9
CHLOCOCCUS LIMNETICUS	24.1	1.67	RHIZOCLENEA PRINIS	1.9
COCCOMYXA COCCOIDEA	37.1	2.56	SCENEDESMUS BICELLULARIS	37.1
CRUCIGERIA SP.	7.4	0.51	SCENEDESMUS DIMORPHUS	24.1
CRYPTOCORAS SP.	9.3	0.64	SCENEDESMUS FALCATUS	7.4
CYCIOTELLA COMTA	5.6	0.38	SCENEDESMUS QUADRICAUDA V. LONGISPINA	13.0
CYCIOTELLA CRYPTICA	13.0	0.90	SCENEDESMUS QUADRICAUDA	18.5
CYCIOTELLA KENEGHINIANA	1.9	0.13	SCENEDESMUS SPERATUS	7.4
CYCIOTELLA MICHIGANIANA	3.7	0.26	SCENEDESMUS SP.	29.7
CYCIOTELLA SP.	9.3	0.64	SCENEDESMUS WISCONSINENSIS	7.4
DIATOMA TENUE V. PACHYCEPHALUM	1.9	0.13	SPHAEROCYSTIS SCHROETERI	1.9
DINORPHOCOCUS SP.	14.3	1.03	STAUSTRUM SP.	1.9
DINOFLAGELLATES	3.7	0.26	STEPHANODISCUS ALPINUS	13.0
FLAGELLATES	92.8	6.41	STEPHANODISCUS BENDERANUS	27.8
FRAGILARIA CONSTRUENS V. PUMILA	1.9	0.13	STEPHANODISCUS MINUTUS	3.7
FRAGILARIA CROTOWENSIS	1.9	0.13	STEPHANODISCUS SP.	16.7
GLOEOCYSTIS SP.	224.5	15.51	STEPHANODISCUS SUBTILIS	13.0
GREEN FILAMENT, UNKNOWN	3.7	0.26	STEPHANODISCUS TENUIIS	24.1
KIRCHNERIELLA SP.	5.6	0.38	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.7
NELOSIRA GRANULATA	374.7	25.90	SYNEDRA FILIFORMIS	5.6
NELOSIRA GRANULATA V. ANGUSTISSIMA	126.1	8.72	SYNEDRA SP.	1.9
NELOSIRA ISLANDICA	3.7	0.26	SYNEDRA UINA V. CHASIANA	1.9
NELOSIRA ITALICA	94.6	6.54	TABELLARIA FENESTRATA V. INTERMEDIA	5.6
NAVICULA PUPULA	1.9	0.13	TETRAEDRON MINIMUM	1.9
NITZSCHIA CONFIRMIS	7.4	0.51	TETRAEDRON SP.	1.9
NITZSCHIA PONTICOLA	1.9	0.13		
			TOTAL	1446.9
				100.0

SDC 2-1 NO. OF FORMS = 54
COUNTED BY: E.K.
METHOD: SETTLE-PREPER

DIVERSITY = 3.53

CELLS/ML	PERCENT			
ACHNANTHES SP.	1.7	0.08	MELOSIERA GRANULATA	24.9
AMEBIPROPA ORNATA	1.7	0.08	MELOSIERA GRANULATA V. ANGUSTISSIMA	711.6
ANADENA SP.	6.6	0.34	MELOSIERA ITALICA	3.3
ANACYSTIS SP.	8.3	0.42	NAVICULA SP.	5.0
ANKISTODESMUS FALCATUS	5.0	0.25	NITZSCHIA ACICULARIS	1.7
ASTRICHELLA FORMOSA	54.6	2.78	NITZSCHIA BACATA	1.7
CHLAMYDOMONAS SP.	137.4	7.00	NITZSCHIA DESSIPATA	1.7
CHEOCCOCUS LIMNETICUS	14.9	0.76	NITZSCHIA PALSA	16.5
CLOSTERIOPSIS SP.	1.7	0.08	NITZSCHIA SP.	26.5
CRUCIGENIA APICULATA	5.0	0.25	OSCILLATORIA SP.	1.7
CRYPTOMONAS SP.	33.1	1.69	PEDIASTRUX DUPLEX	1.7
CYCLOTELLA ALGUS	13.2	0.68	PEDIASIFUM SIMPLEX	3.3
CYCLOTELLA COMA	3.3	0.17	RHIZOSOLENIA TRIENSIIS	1.7
CYCLOTELLA KUTZINGIANA	11.6	0.59	SCENEDESMUS DICEILLULARIS	5.0
CYCLOTELLA NENEGHINIANA	1.7	0.08	SCENEDESMUS DIXORPHUS	19.3
CYCLOTELLA NICHISANIANA	26.5	1.35	SCENEDESMUS QUADRICAUDA	3.3
CYCLOTELLA OCELLATA	3.3	0.17	SCENEDESMUS SP.	6.6
CYCLOTELLA SP.	13.2	0.93	STEPHANODISCUS ALPINUS	1.7
CYCLOTELLA STRIATA	6.6	0.34	STEPHANODISCUS ASTRAEA	1.7
LACTYLOCCOCCUS ACICULARIS	5.0	0.25	STEPHANODISCUS BINDERIANUS	29.8
DIATOMA TENUE V. ELONGATUM	3.3	0.17	STEPHANODISCUS HANIZSCHII	18.2
DINOBRYON BIVARIUM	1.7	0.08	STEPHANODISCUS MINUTUS	3.3
DINOBRYON DIVERGENS	1.7	0.08	STEPHANODISCUS SP.	6.6
FLAGELLATES	362.4	18.48	STEPHANODISCUS SUBTILIS	21.5
FRAGILARIA CROTONENSIS	203.6	10.38	STEPHANODISCUS TENUIS	21.5
GLOEOPYSTIS SP.	9.3	0.51	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	13.2
GONPHOSPHERIA LACUSTRIS	3.3	0.17	SYNEDRA CALIFORNIS	11.6
GREEN COLONY, UNKNOWN	5.0	0.25	SYNEDRA SP.	3.3
KIPCHNERIELLA SP.	5.0	0.25	TABILLARIA FENESTRATA	11.6
MELOSIERA AMBIGUA	26.5	1.35		
			TOTAL	1961.2
				100.0

SDC 2-3	NO. OF FORMS = 37 COUNTED BY: Z.K. METHOD: SETTLE-PREZZE	DIVERSITY = 2.68	CELLS/PL	PERCENT	SDC 4-0	NO. OF FORMS = 44 COUNTED BY: Z.K. METHOD: SETTLE-PREZZE	DIVERSITY = 2.97
ANABENA CIRCINALIS		1.7	0.36		AMPHORA OVALIS		4.9
APHANOCAPSA SP.		11.6	0.41		AMPHORA SP.		4.9
ASTRICHONELLA FORMOSA		19.9	0.73		ANABENA CIRCINALIS		2.4
CHLAMYDOMONAS SP.		855.6	30.95		APHANOCAPSA SP.		9.7
CHLAMYDOMONAS SP.		13.2	0.47		ASTRICHONELLA FORMOSA		29.2
CHLAMYDOMONAS SP.		129.1	4.53		BLUJ-HEBET UNKNOWN COLONY		2.4
CRYPTOCOCUS SP.		6.6	0.23		CHLAMYDOMONAS SP.		501.4
CYCLOTELLA COMTA		1.7	0.76		CHEOCOCCHUS SP.		21.9
CYCLOTELLA XICHIMANIHA		3.3	0.12		COLASTRUM SPHAERICUM		4.9
CYCLOTELLA OCELLATA		124.1	4.36		COMASTRUM SP.		2.4
CYCLOTELLA SP.		11.6	0.41		CRYPTOCOCUS SP.		126.6
DIAZONA TENUE V. ELONGATUM		58.3	2.05		CYCLOTELLA COMTA		9.7
DINORPHYON DIVERGENS		139.0	4.88		CYCLOTELLA OCELLATA		2.4
FLAGELLATES		117.5	4.13		CYCLOTELLA SP.		75.5
FRAGILARIA CROTONENSIS		3.3	0.12		CYXBELLA SP.		2.4
FRAGILARIA FETTEREDIA		44.7	1.57		DIAZONA TENUE V. ELONGATUM		14.6
GLOEOCYSTIS SP.		1.7	0.06		PICTYOSPHAERIUM PULCHELLUM		2.4
GOMPHOSPHERA SP.		5.0	0.17		DINORPHYON DIVERGENS		7.3
GREEN COLONY, UNKNOWN		1.7	0.03		FRAGILARIA CAPUCINA		21.9
KIPCHIMFELLA SP.		1037.7	36.43		FRAGILARIA CONSTRUENS		7.3
MELOSTERA GRANULATA V. ANGUSTISSIMA		9.9	0.35		FRAGILARIA CROTONENSIS		635.3
PICLOCYSTIS AERUGINOSA		3.3	0.11		GLOEOCYSTIS SP.		90.1
RAVICUA SP.		69.5	2.41		GREEN COLONY, UNKNOWN		9.7
RITZSCHIA SP.		1.7	0.03		GREEN SOLITARY, UNKNOWN		4.9
OSCILLATOPIA SP.		5.0	0.17		KELOSIRA AFBIGUA		56.0
PEDIASTRUM SP.		1.7	0.03		KELOSIRA GRANULATA		73.0
RHIZOSOLENIA FRIENSIS		9.9	0.35		MELOSIRA GRANULATA V. ANGUSTISSIMA		1835.2
SCENEDESMUS DICELLULARIS		8.3	0.29		NAVICULA SP.		17.0
SCENEDESMUS DIMORPHUS		1.7	0.03		NITZSCHIA SP.		4.9
SCENEDESMUS SP.		23.2	0.81		NITZSCHIA DISSIPATA		209.3
STEPHANODISCUS NIAGARAE		3.3	0.12		RHIZOSOLENIA LONGICSETA		2.4
STEPHANODISCUS SP.		1.7	0.05		SCENEDESMUS ANUNELANS		2.4
STEPHANODISCUS SUBTILIS		6.6	0.23		SCENEDESMUS DICELLULARIS		9.7
SUPRIFELLA SP.		18.2	0.64		SCENEDESMUS DIMORPHUS		14.6
SYNEDRA DELICATISSIMA		84.4	2.96		SCENEDESMUS SP.		2.4
SYNEDRA SP.		3.3	0.12		SPORTS		14.6
TABELLARIA FENESTRATA		2846.9	100.6		STEPHANODISCUS HANTZSCHII		38.9
TETRAEDRON PENTAFIDRICUM					STEPHANODISCUS SP.		43.9
					STEPHANODISCUS SUBTILIS		7.3
					STEPHANODISCUS TENUIS		7.3
					SYNEDRA DELICATISSIMA V. ANGUSTISSIMA		7.3
					SYNEDRA FILIFORMIS		9.7
					SYNEDRA SP.		7.3
					TABELLARIA FENESTRATA		155.8
TOTAL		2846.9	100.6		TOTAL		4113.4
							100.0

DIYFFSY = 3.19

DIVERSITY = 3.68

CELLS/ML	PERCENT
AXIPHIDURA PELLUCIDA	0.8
ANAPAENA CIRCINALIS	9.1
ATRIETOPHOBUS FLACATUS	5.9
APHANOCAPSA SP.	13.2
ASTERICAPSA FORMOSA	29.7
CAIONTIS VENTRICOSA	0.9
CHLAPHYROMORPHUS SP.	14.1
CHIROCCOCUS SP.	9.9
CLOSTEROPHUS LONGISSIMA	6.0
CRYPTOMORPHUS SP.	30.6
CYCLOTILLA COMTA	6.74
CYCLOTILLA KUEZZINGIANA	14.1
CYCLOTILLA KINKEGNIANA	9.8
CYCLOTILLA OCELLATA	5.0
CYCLOTILLA SP.	2.82
CYATOPHILHA SOLEA V. APICULATA	38.1
DIACOVA TERRE V. FLORIGATUM	0.8
DINOBYON DIVERGENS	8.3
FLAGELLATES	538.2
FRAGILLARIA CAPUCINA	9.12
FRAGILLARIA CROTCHENSIS	122.5
FRAGILLARIA INTERMEDIA	41.4
GLOFOCYSTIS SP.	10.8
GOMPHOSPHATRIA LACUSTRIS	2.5
HELOSIA GRANULATA	1.7
HELOSIA GRANULATA V. ANGUSTISSIMA	293.1
HYRISHOPEDIA FLEGANS	0.8
MICROCYSTIS AERUGINOSA	0.8
NAVICULA ANGLICA V. SUDSALSA	0.8
NAVICULA DICUSSIS	3.3
NAVICULA SP.	0.25
NITZSCHIA BACATA	0.8
NITZSCHIA DISSIPATA	0.8
NITZSCHIA SP.	44.7
NOOCYSTIS SP.	3.12
OSCILLATORIA SP.	0.8
PEPIDIATUM DUPLEX	0.8
PINNULARIA SP.	0.8
SCENEDERMUS ARUNDANS	2.5
SCENEDERMUS ACUTIFORMIS	1.7
SCENEDERMUS OBRARDI	2.5
SCENEDERMUS BICEILULARIS	3.3
SCENEDERMUS DIPORPHUS	5.0
SCENEDERMUS QUADRICAUDA	3.3
SCENODERPIA JUDAYI	0.8
STEPHANODISCUS ALFINDUS	4.1
STEPHANODISCUS HANIZSCHII	17.4
STEPHANODISCUS SP.	15.7
STEPHANODISCUS TERREUS	0.8
SUTTERELLA SP.	0.8
SYNEEDA ACUS	1.7
SYNEEDA DELICATISSIMA V. ANGUSTISSIMA	1.7
SYNEEDA FILIFORMIS	1.7
SYNEEDA SP.	2.5
TABELLARIA FINESTATA	31.5
TOTAL	1149.6
	100.0

TOTAL

102.0

